

paired p-value: 0.00017939

fdr-adjusted p-value: 0.023714

species: g__Alistipes (UB*)[116]

3

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T1

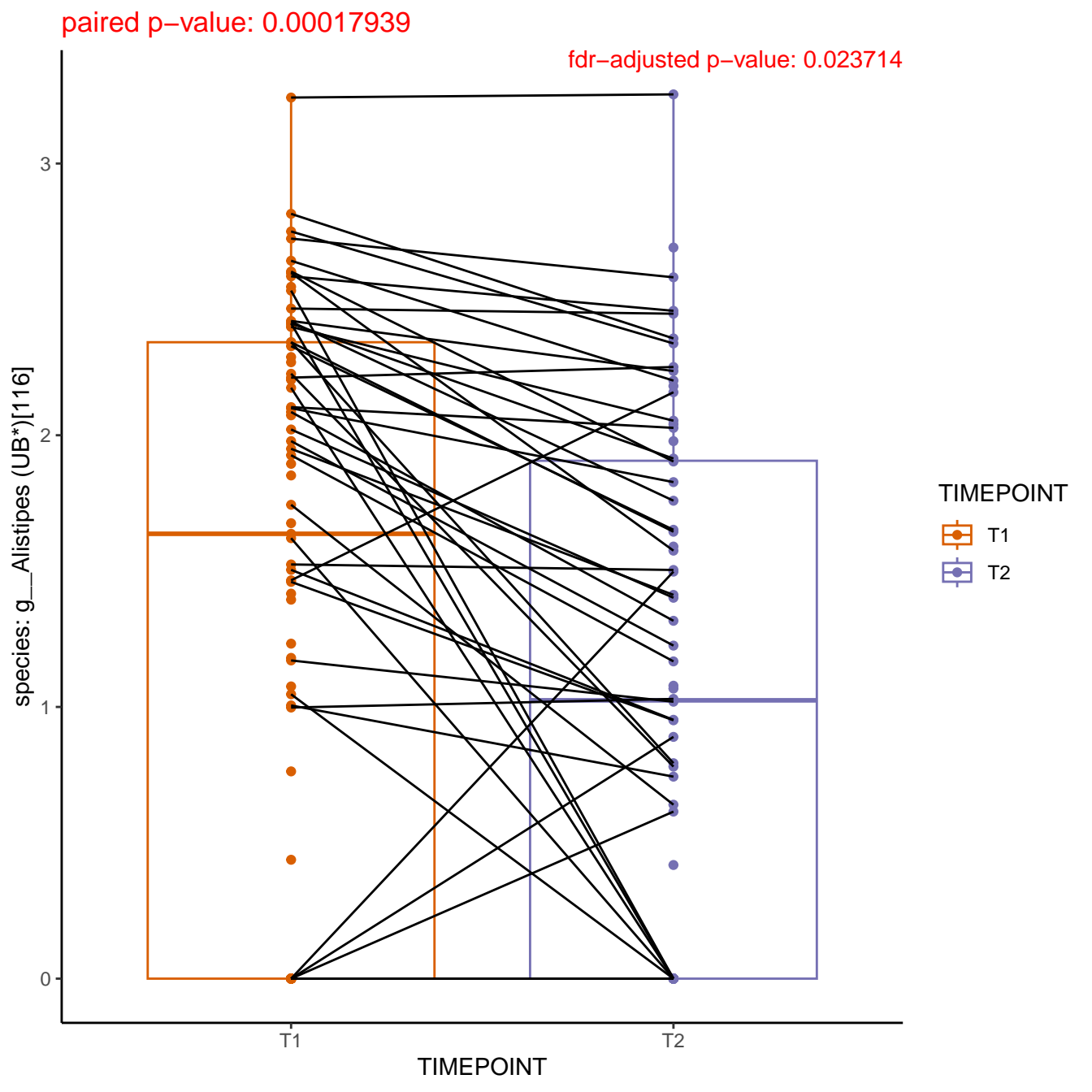
T2

TIMEPOINT

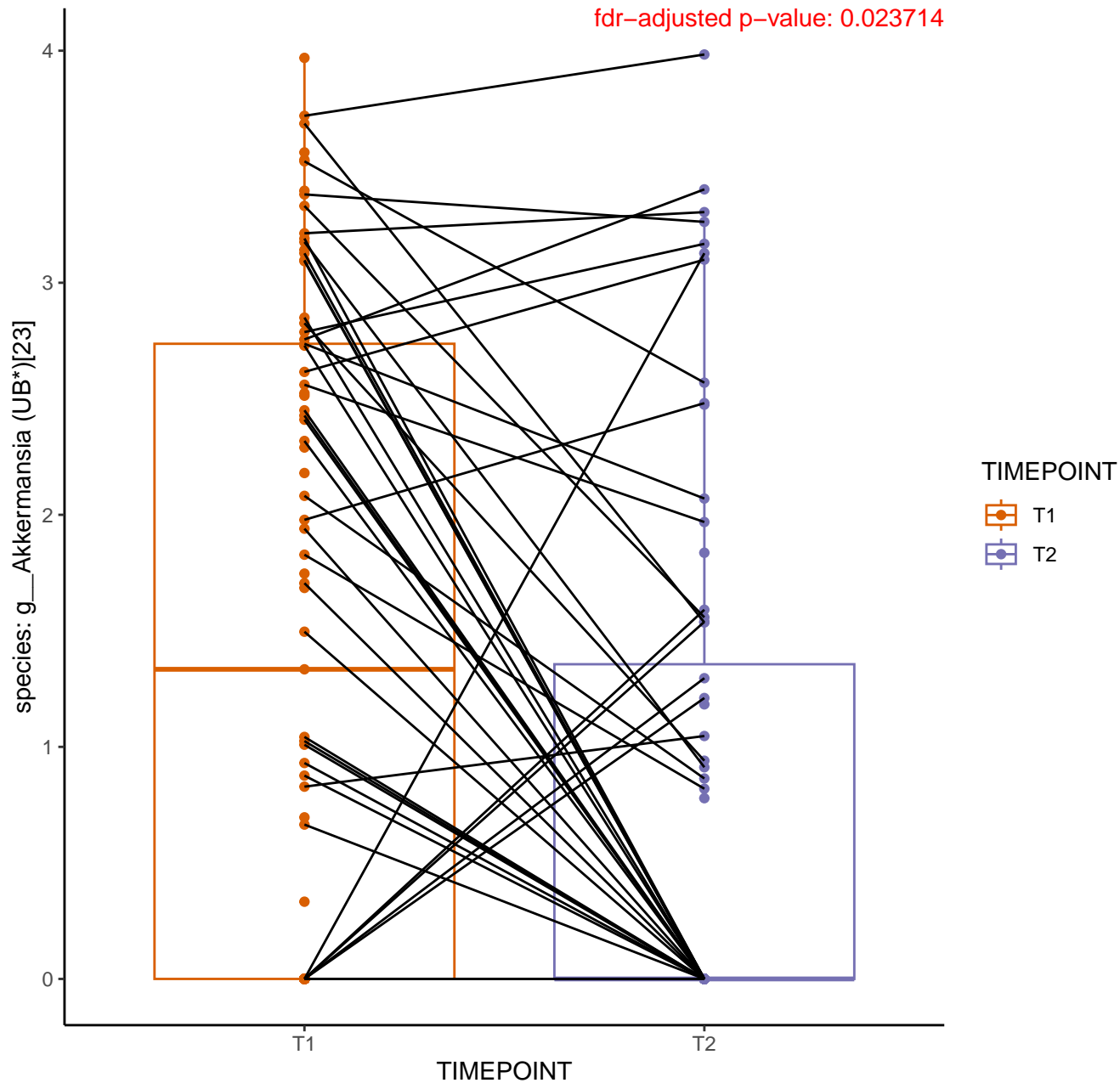
TIMEPOINT

T1

T2

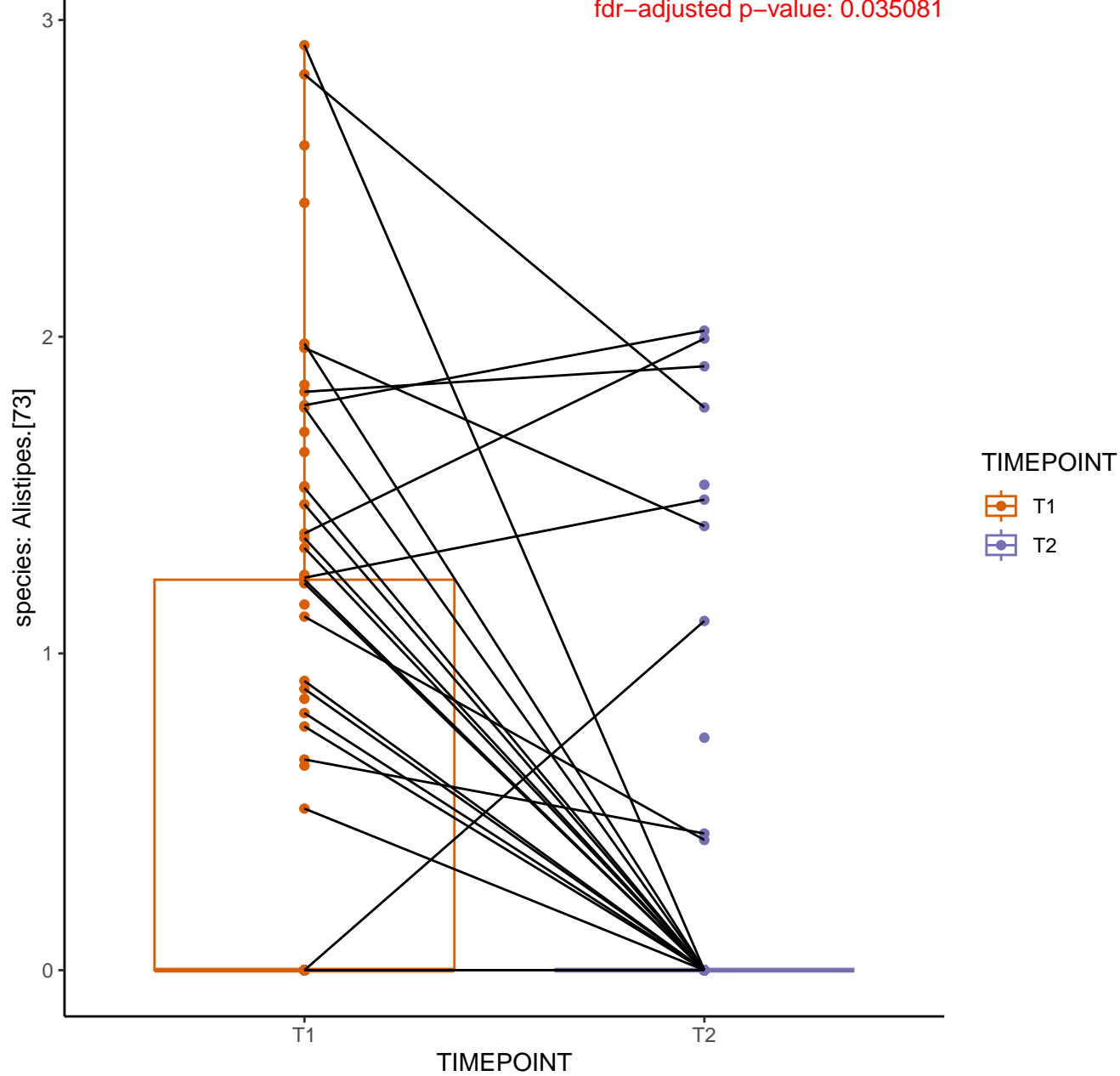


fdr-adjusted p-value: 0.023714



paired p-value: 0.00064964

fdr-adjusted p-value: 0.035081



paired p-value: 0.0017859

fdr-adjusted p-value: 0.072329

species: *Escherichia_coli*[16]

TIMEPOINT

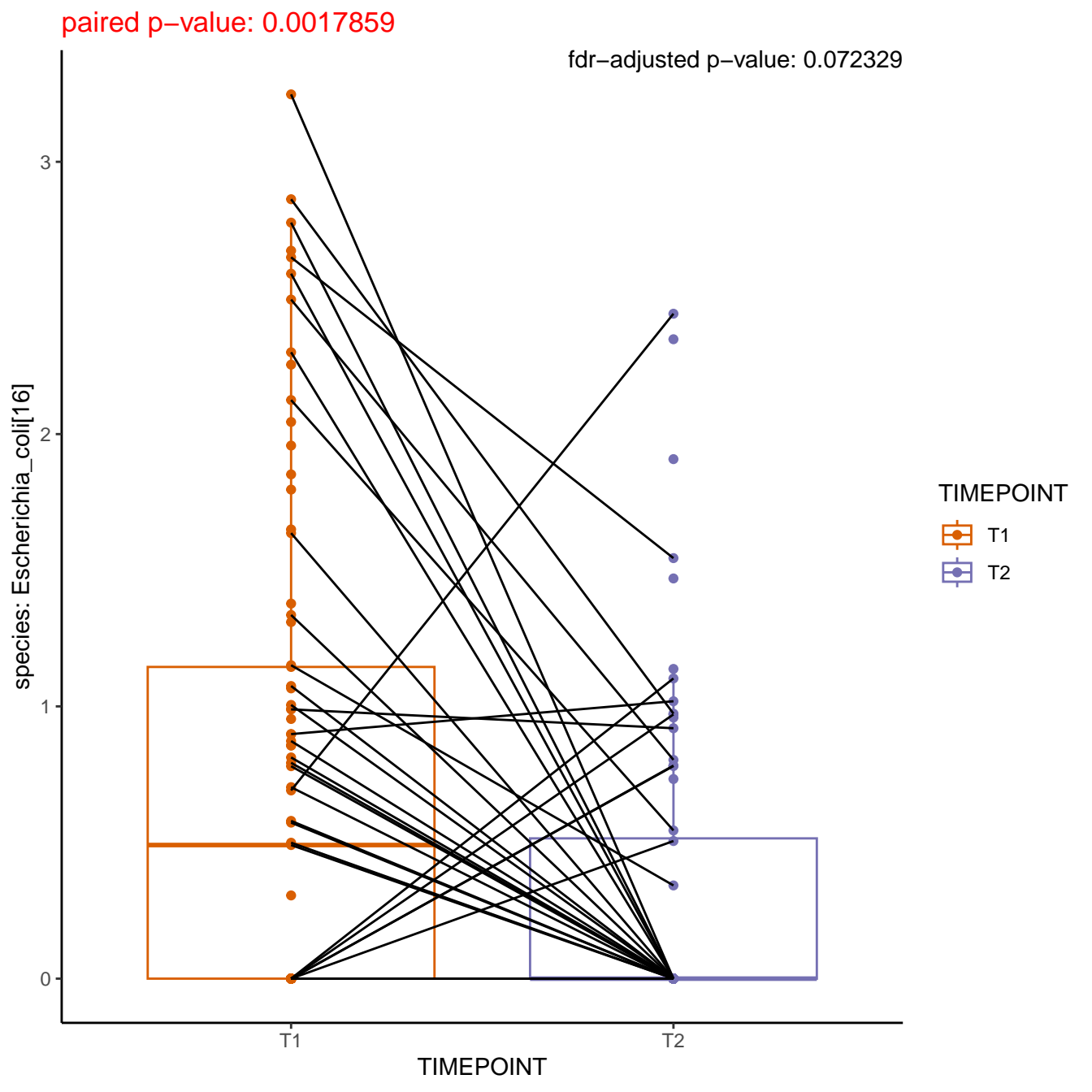
T1

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T1

T2

TIMEPOINT



paired p-value: 0.0024523

fdr-adjusted p-value: 0.079453

species: g__Turcibacter (UB*)[70]

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T1

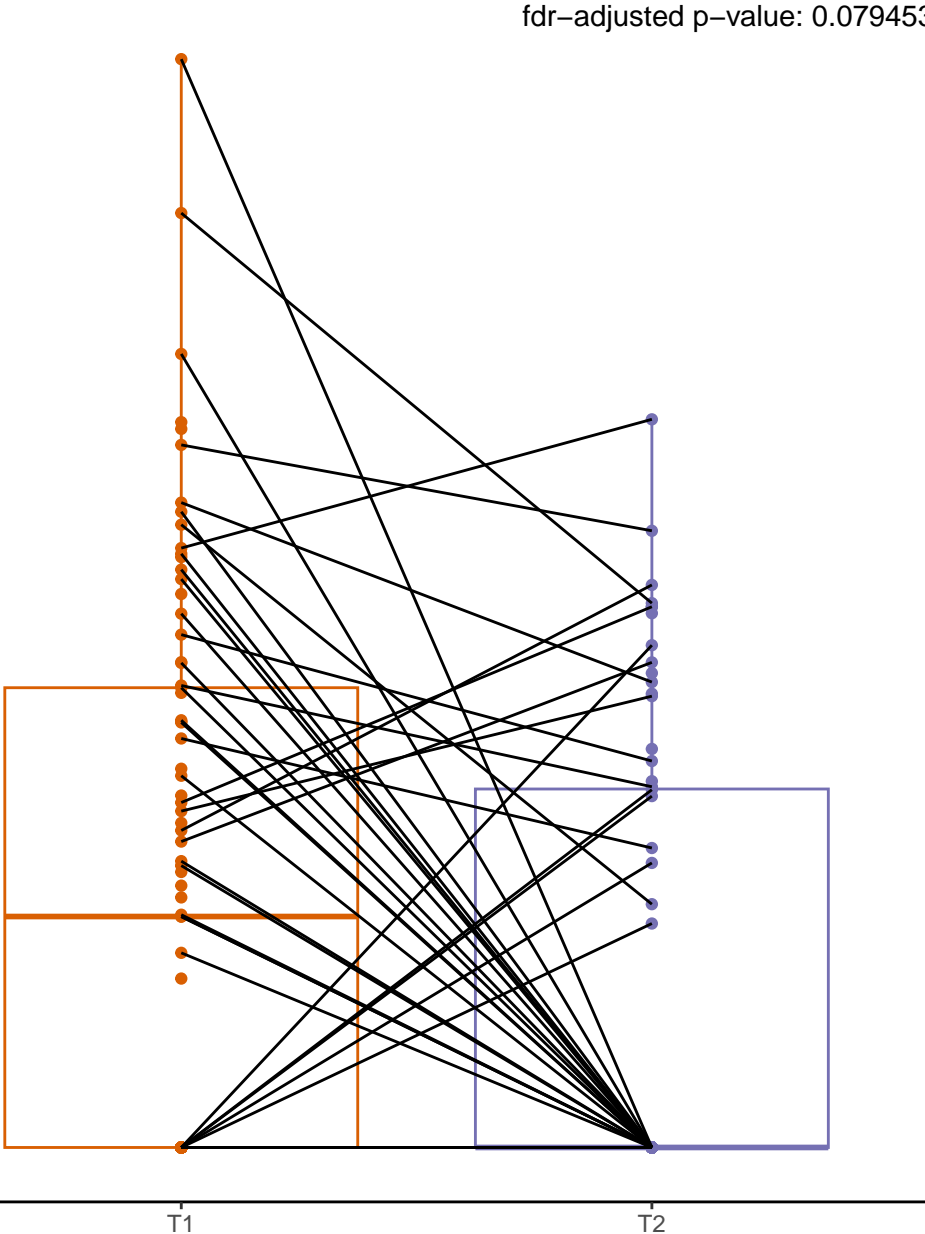
T2

TIMEPOINT

TIMEPOINT

T1

T2

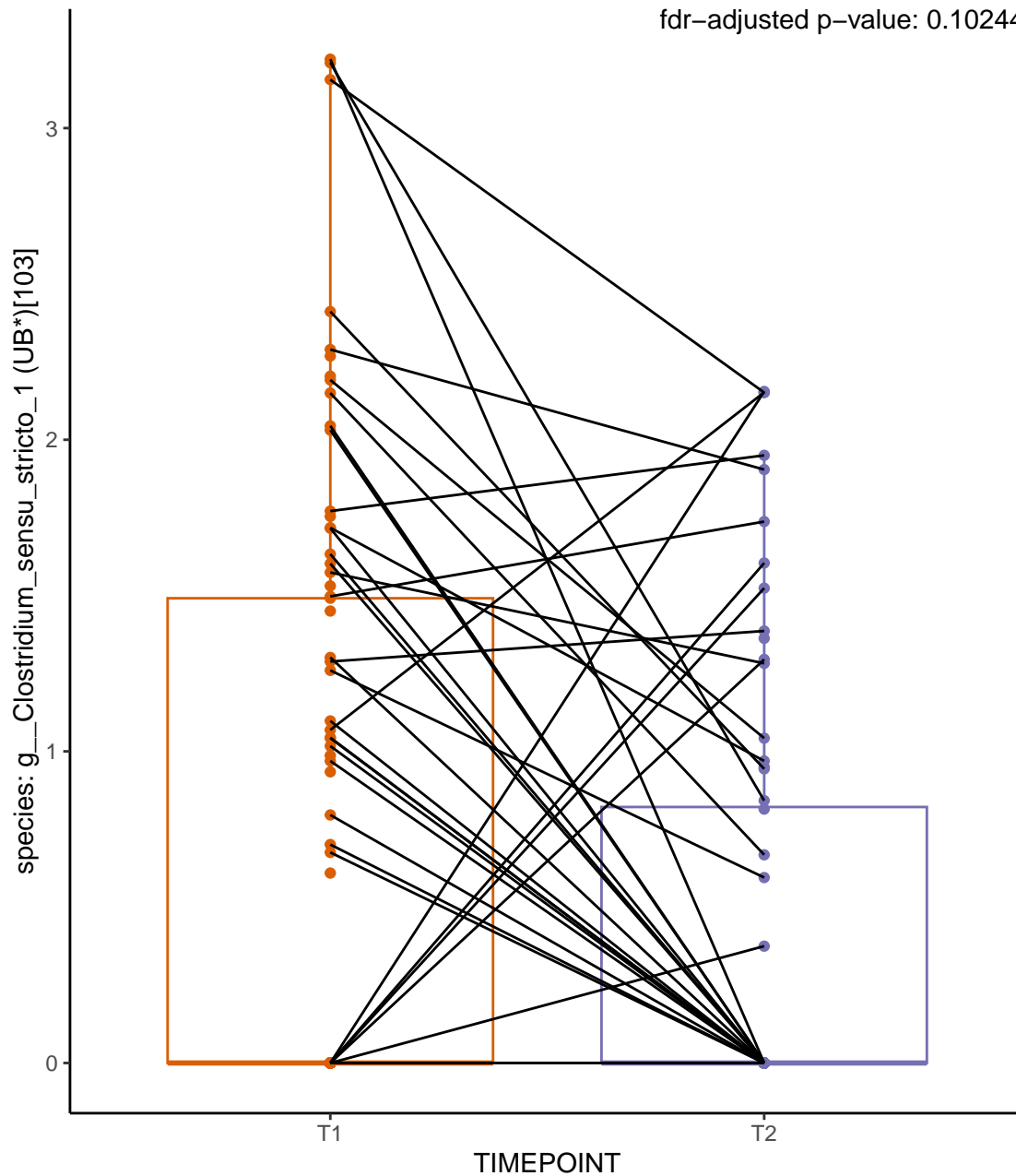


paired p-value: 0.0042775

fdr-adjusted p-value: 0.10244

species: g__Clostridium_sensu_stricto_1 (UB*)[103]

TIMEPOINT



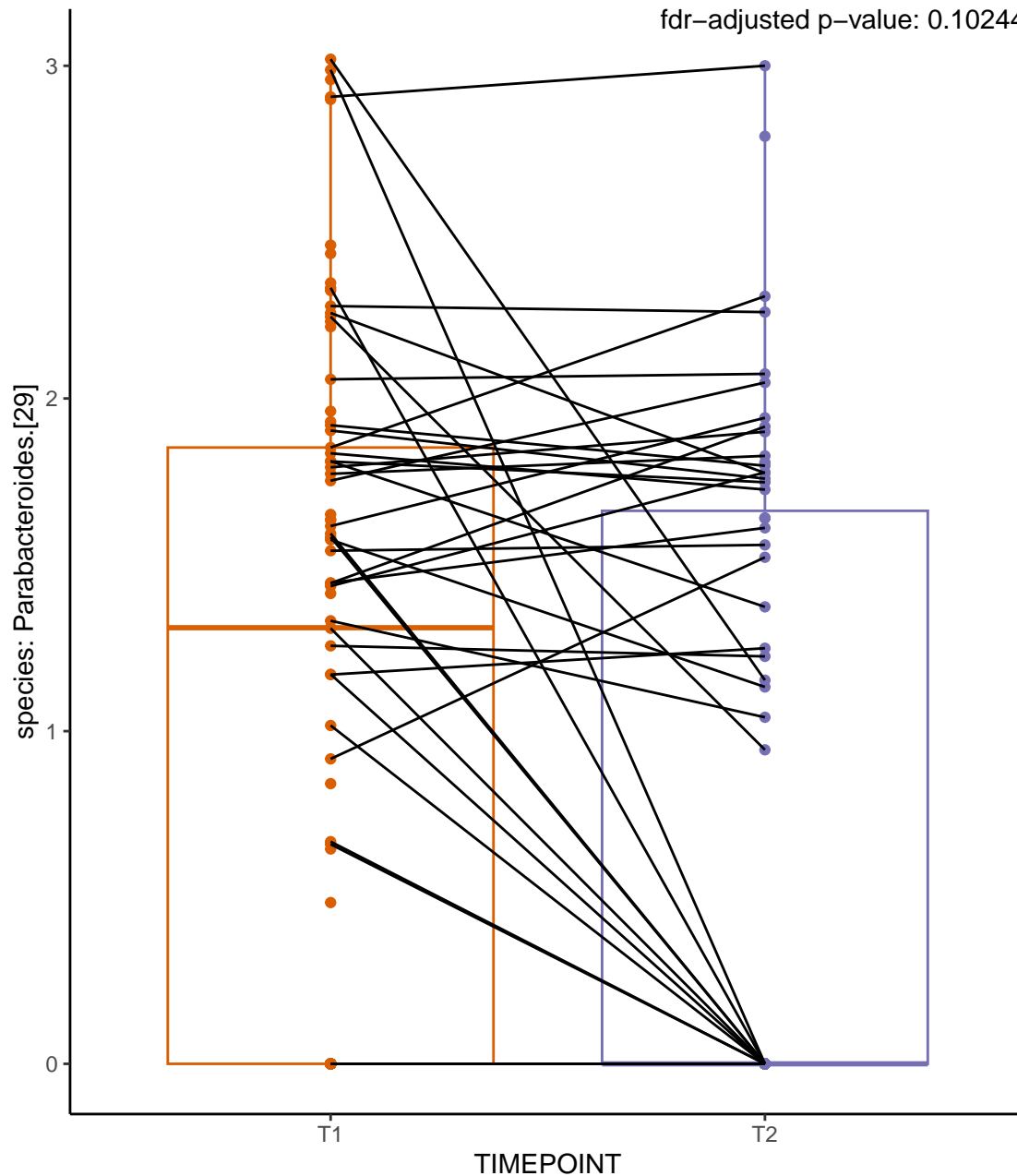
paired p-value: 0.0044266

fdr-adjusted p-value: 0.10244

species: Parabacteroides.[29]

TIMEPOINT

T1
T2



paired p-value: 0.007858

fdr-adjusted p-value: 0.14066

species: Odoribacter.[164]

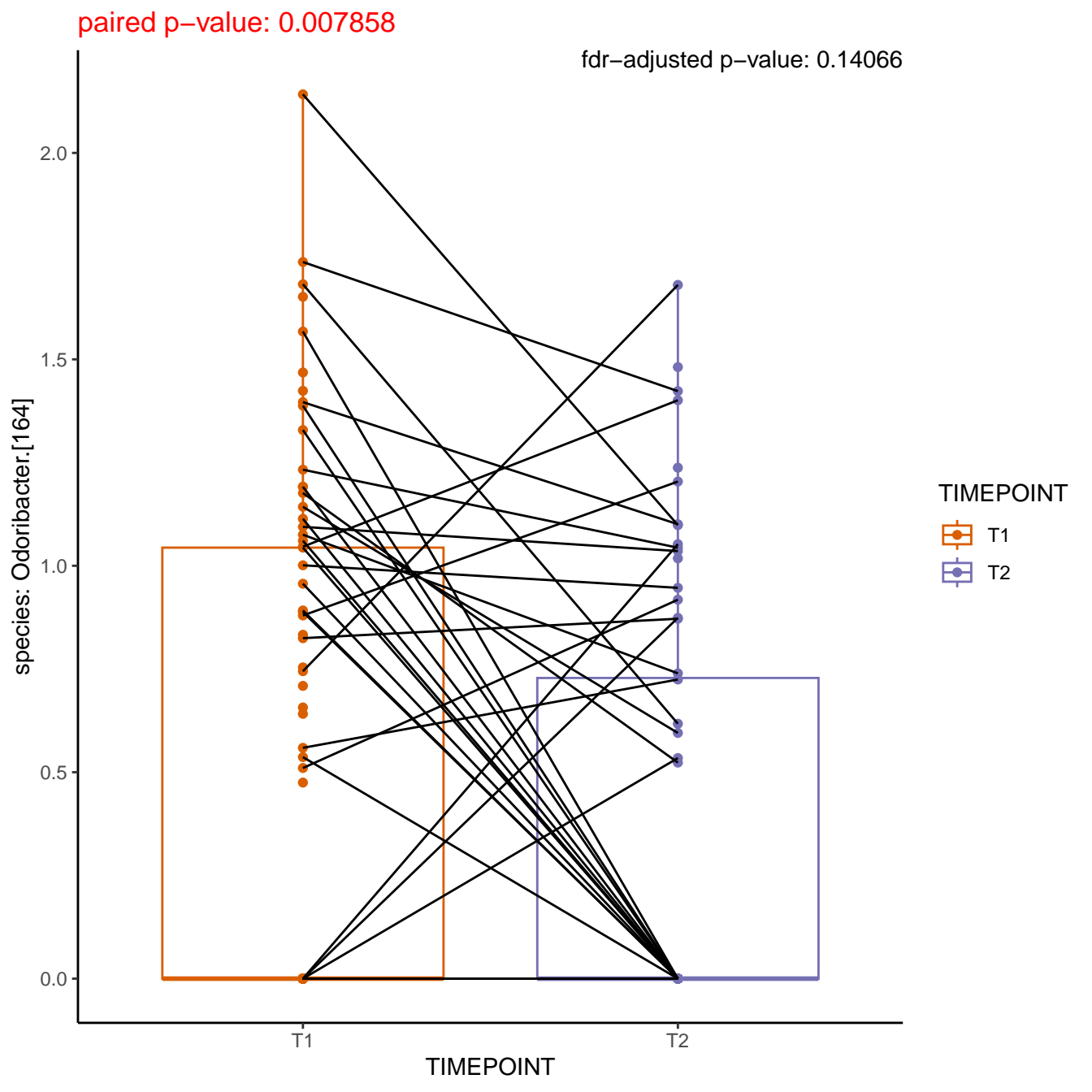
TIMEPOINT

T1
T2

T1

T2

TIMEPOINT



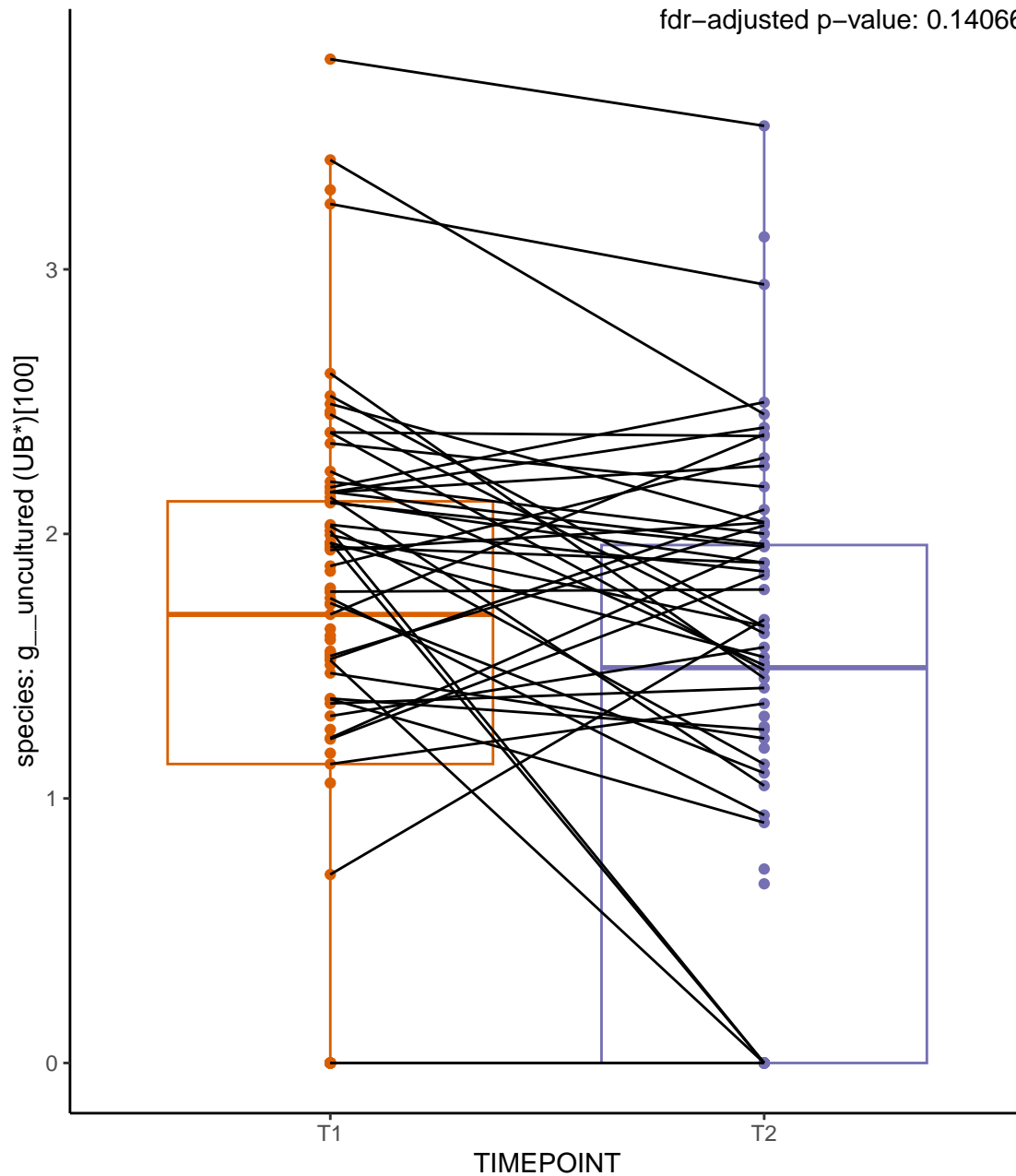
paired p-value: 0.0080963

fdr-adjusted p-value: 0.14066

species: g__uncultured (UB*)[100]

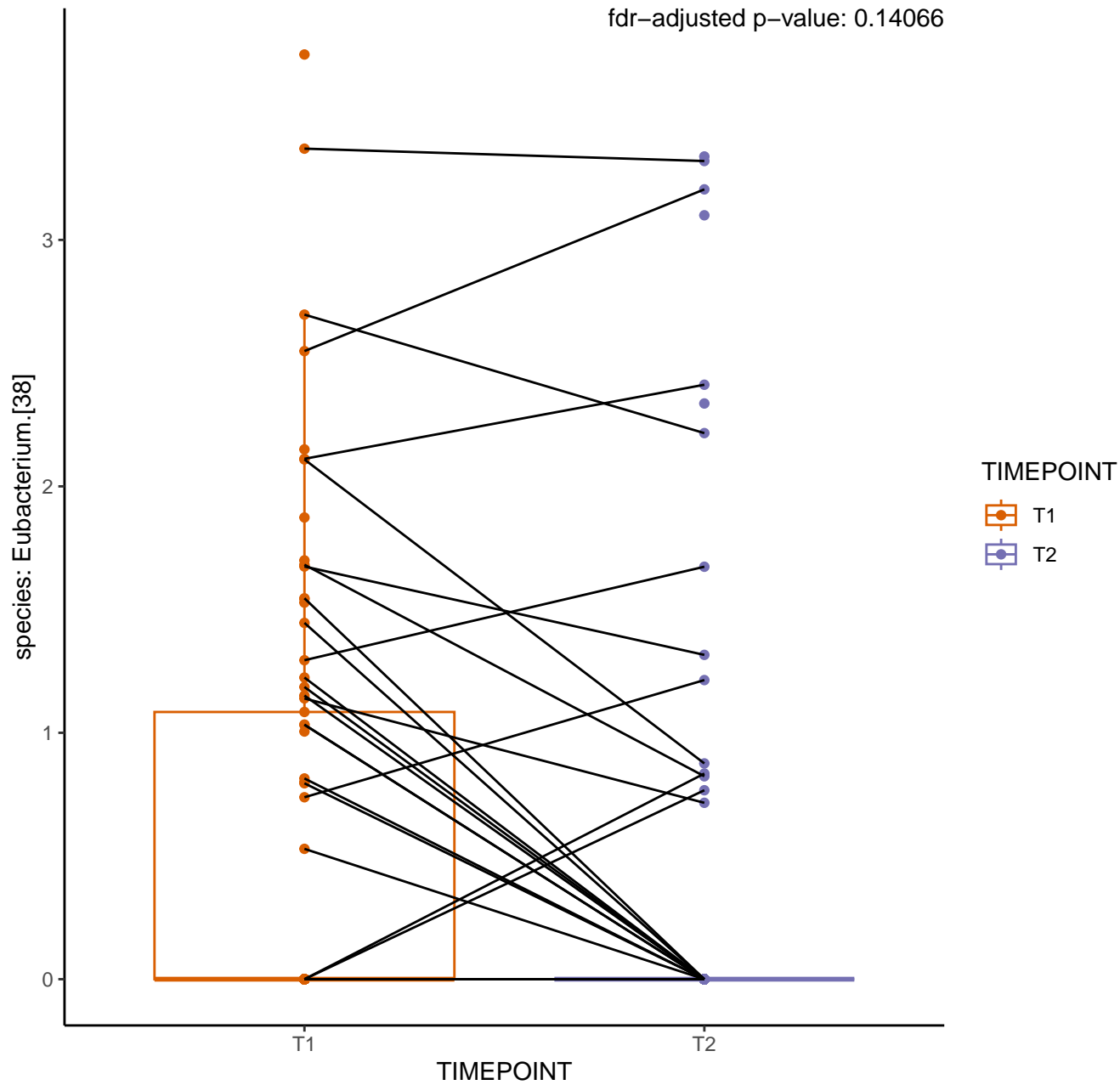
TIMEPOINT

T1
T2



paired p-value: 0.0086825

fdr-adjusted p-value: 0.14066



paired p-value: 0.010397

fdr-adjusted p-value: 0.15312

species: *Eubacterium._fissicatena_group*[168]

TIMEPOINT

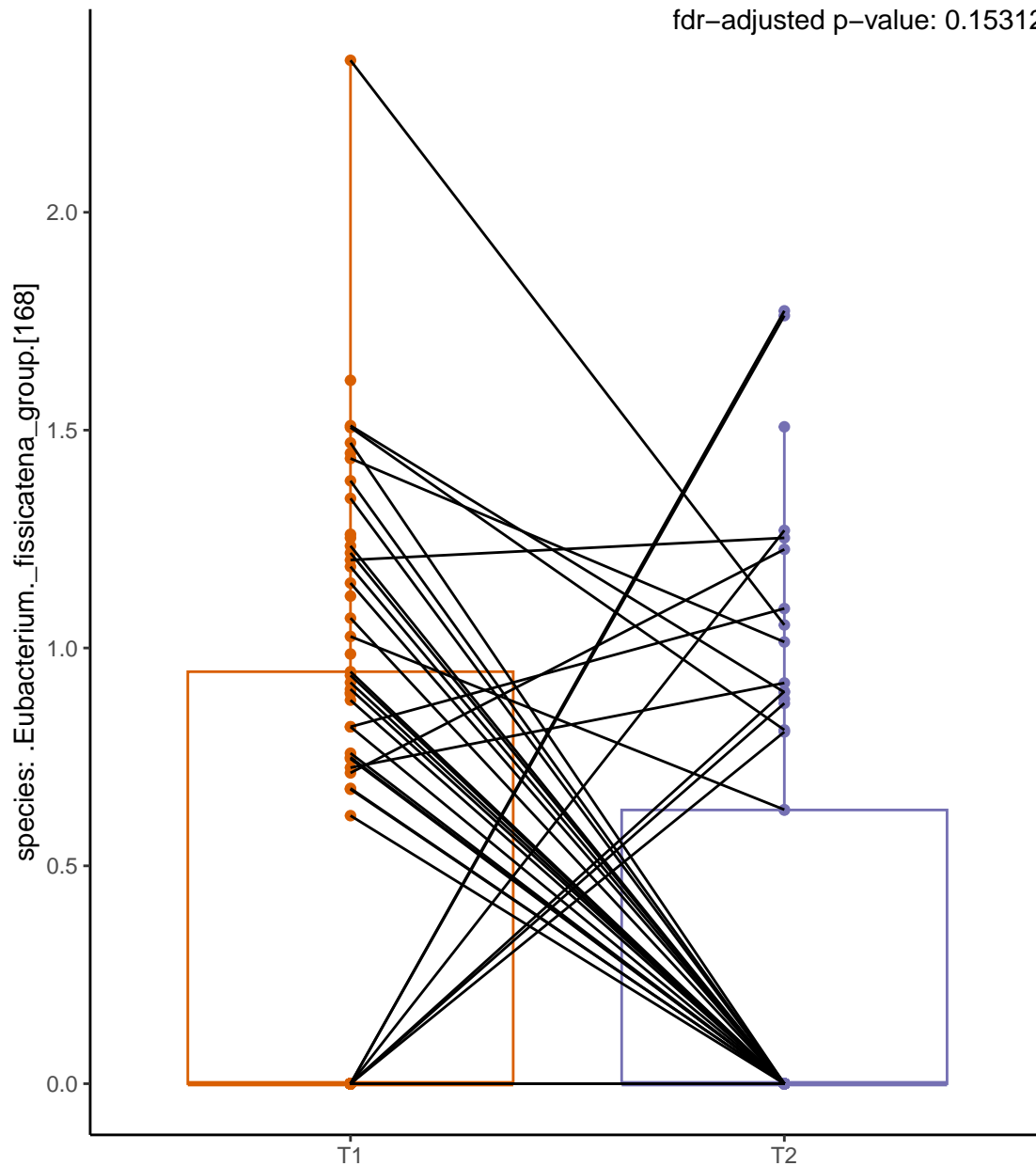
T1

T2

T1

T2

TIMEPOINT



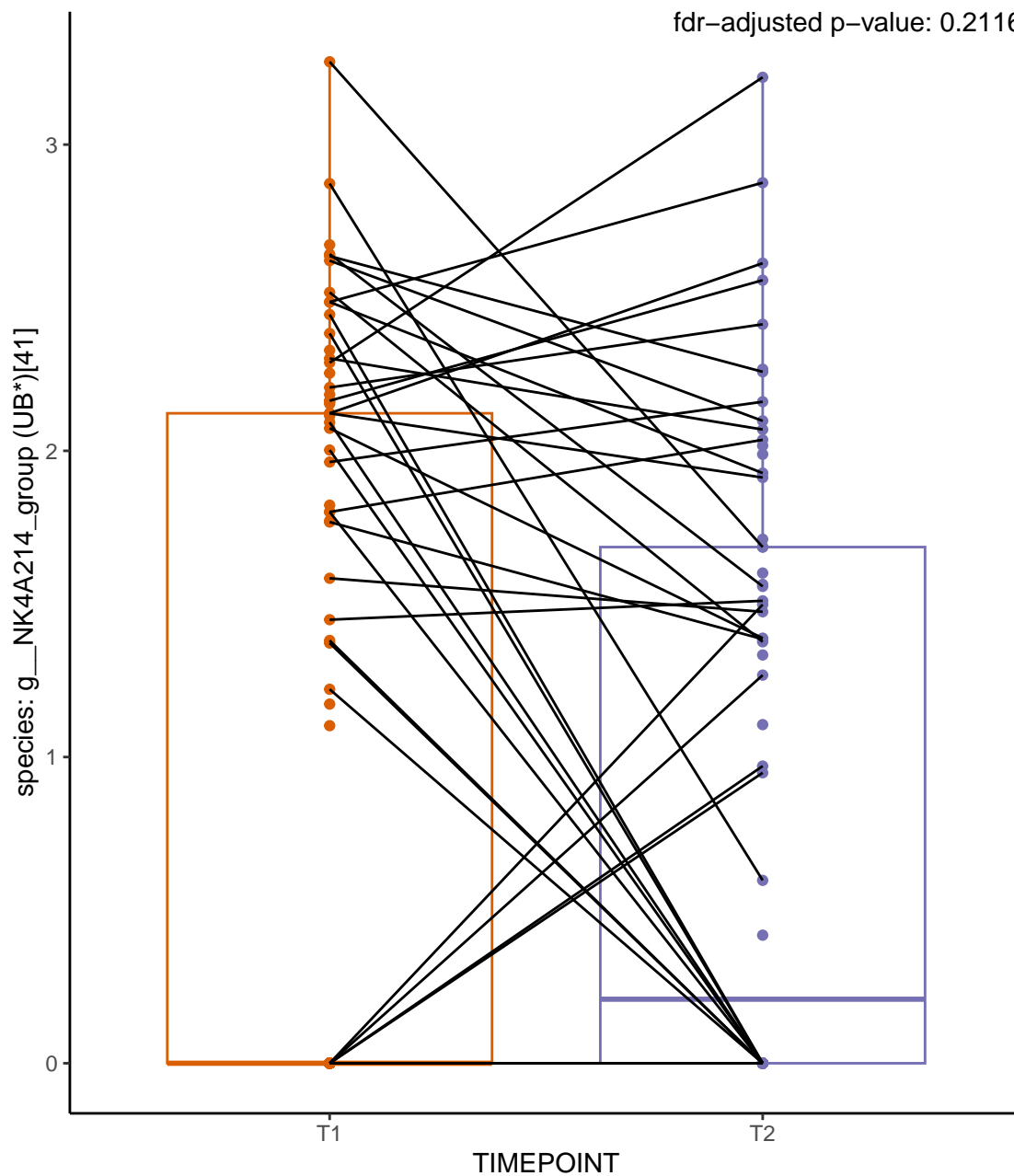
paired p-value: 0.016718

fdr-adjusted p-value: 0.2116

species: g_NK4A214_group (UB*)[41]

TIMEPOINT

T1
T2



paired p-value: 0.016981

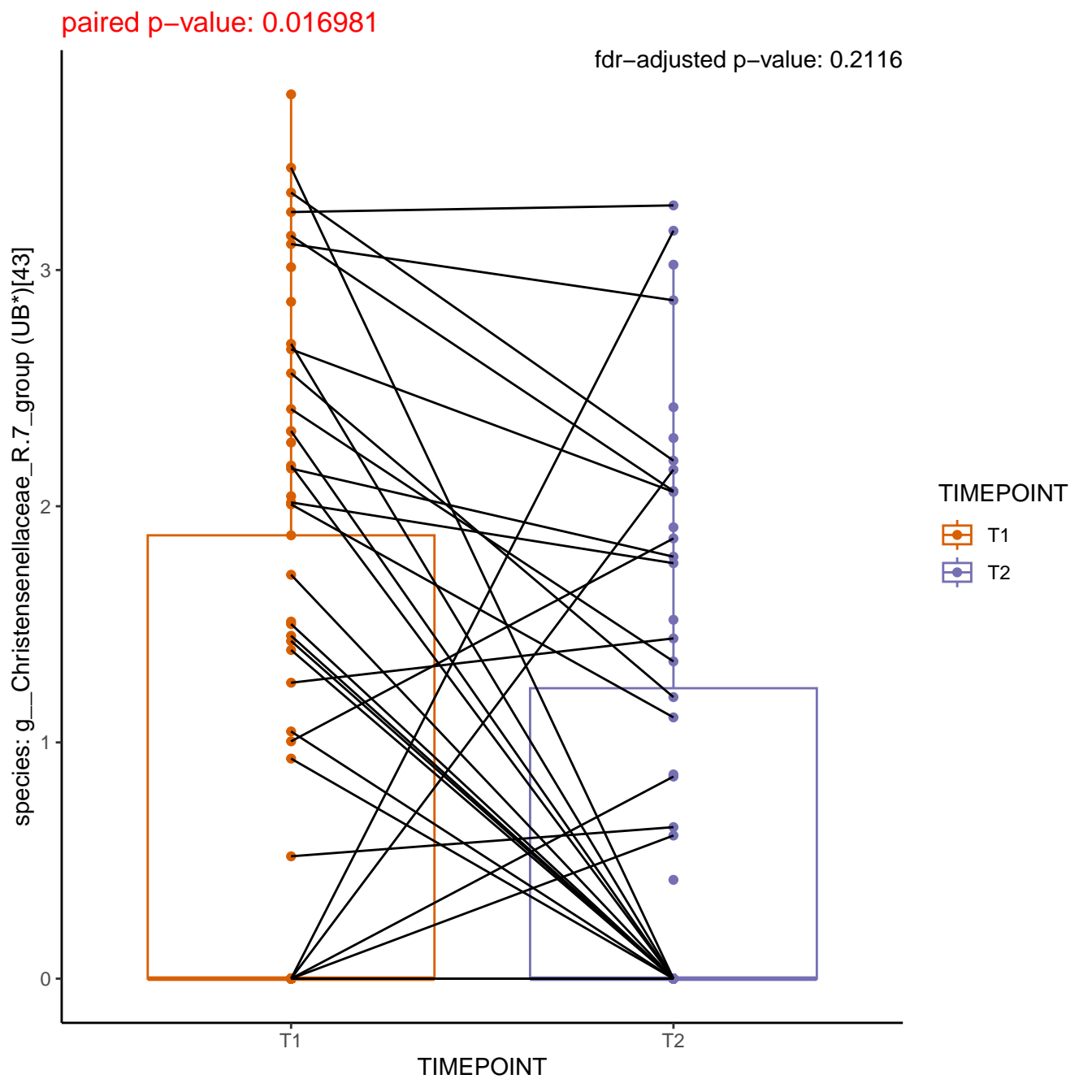
fdr-adjusted p-value: 0.2116

species: g__Christensenellaceae_R.7_group (UB*)[43]

TIMEPOINT

T1

T2



paired p-value: 0.021787

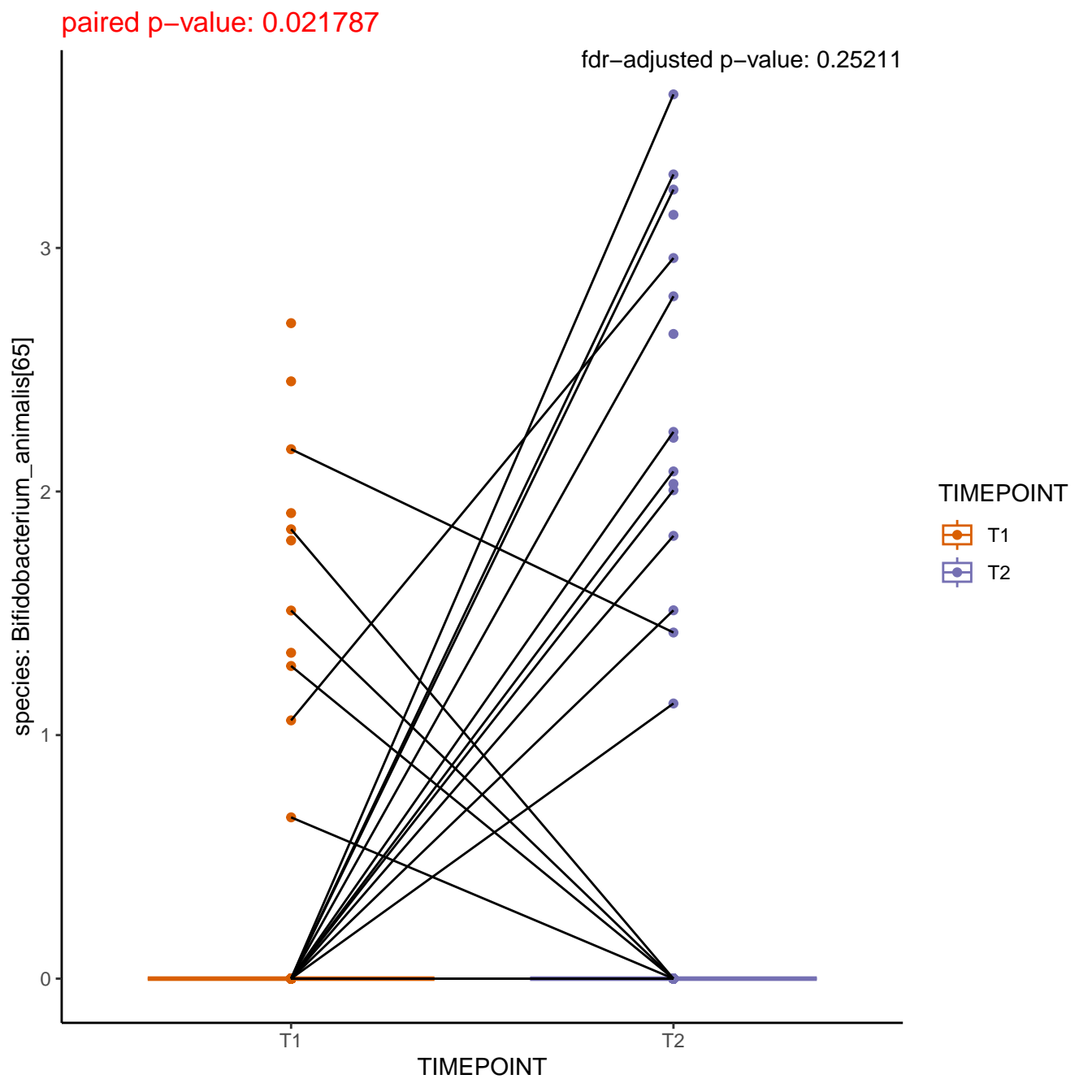
fdr-adjusted p-value: 0.25211

species: *Bifidobacterium animalis*[65]

TIMEPOINT

T1

T2



paired p-value: 0.024385

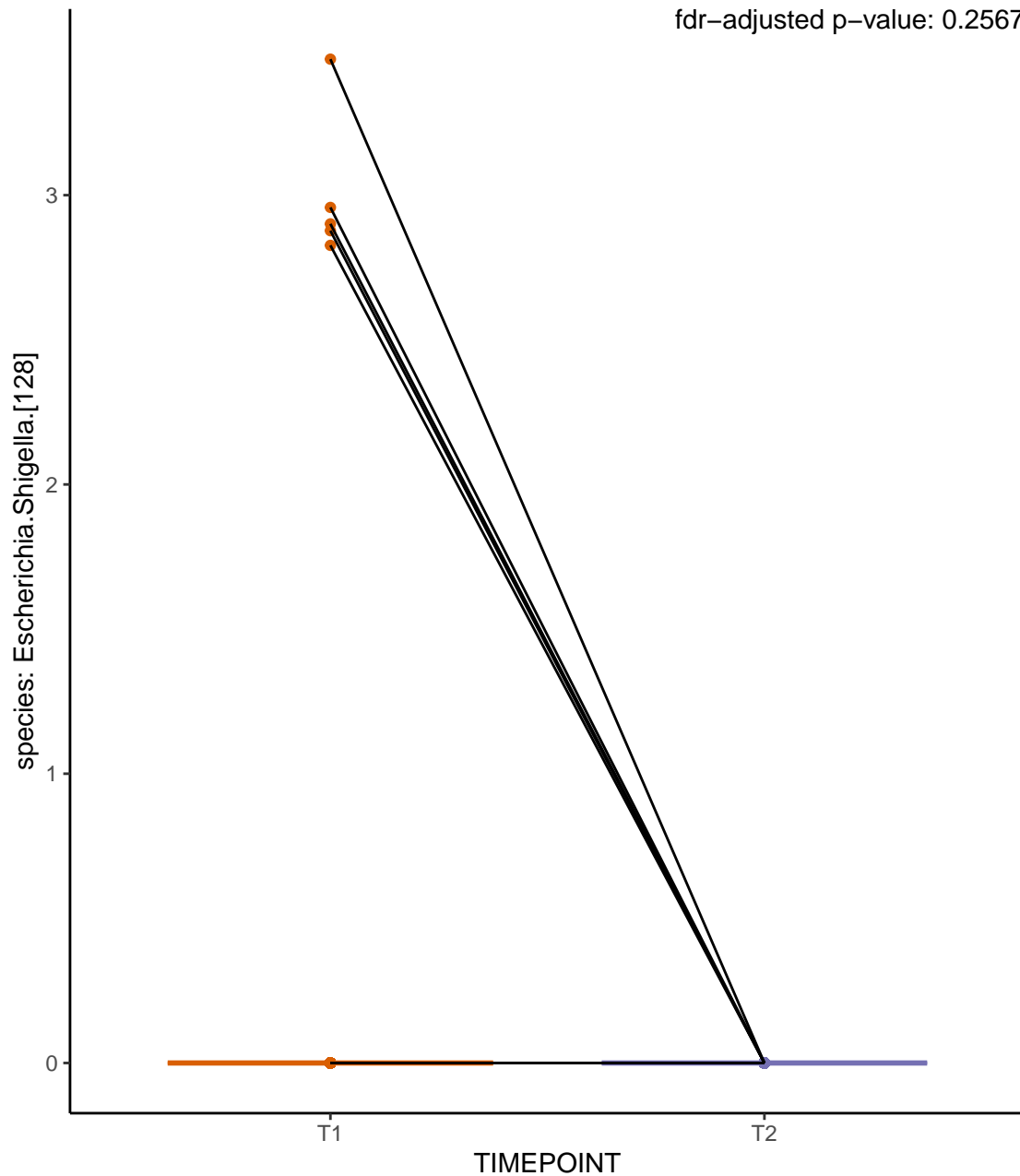
fdr-adjusted p-value: 0.2567

species: Escherichia.Shigella.[128]

TIMEPOINT

T1

T2



paired p-value: 0.025353

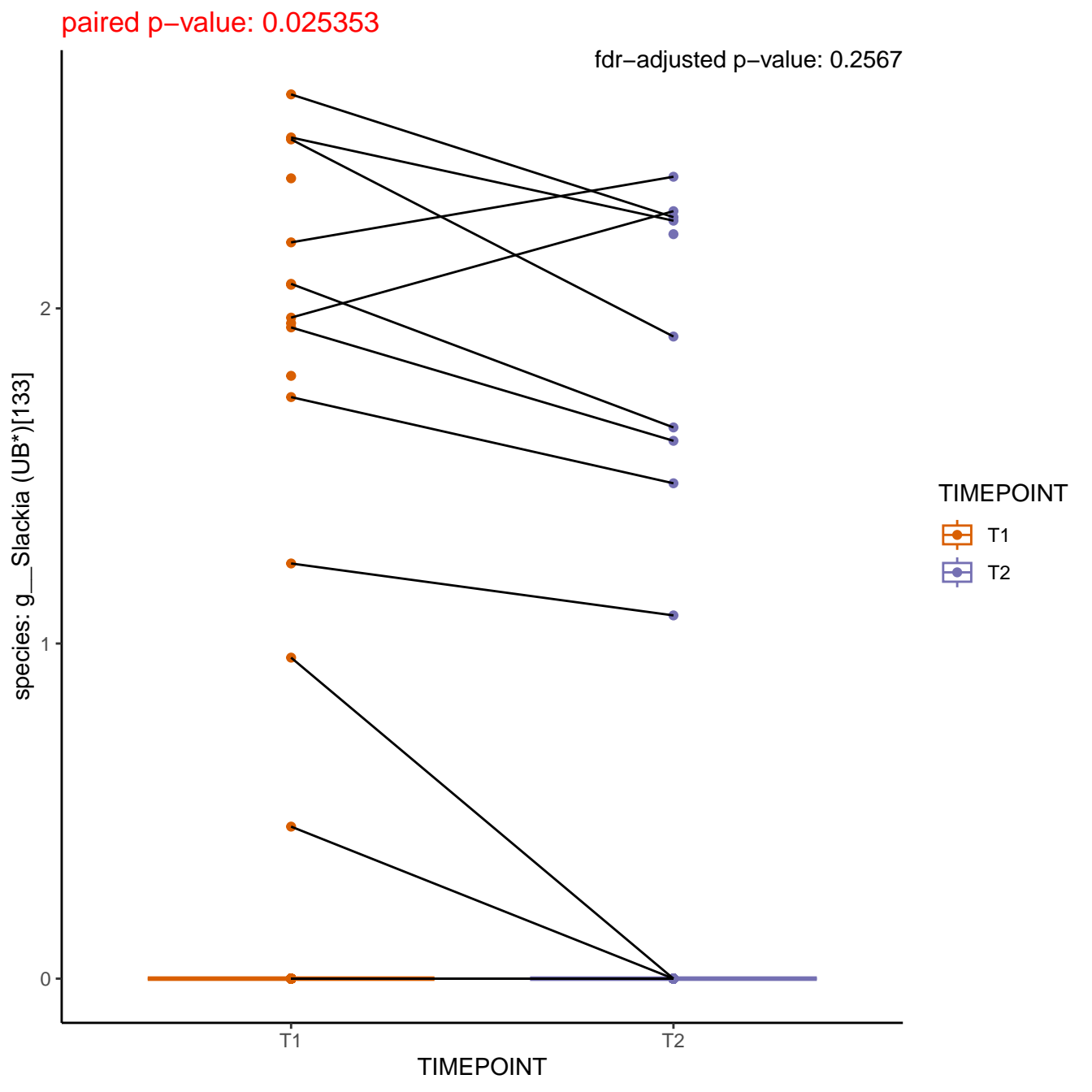
fdr-adjusted p-value: 0.2567

species: g__Slackia (UB*)[133]

TIMEPOINT

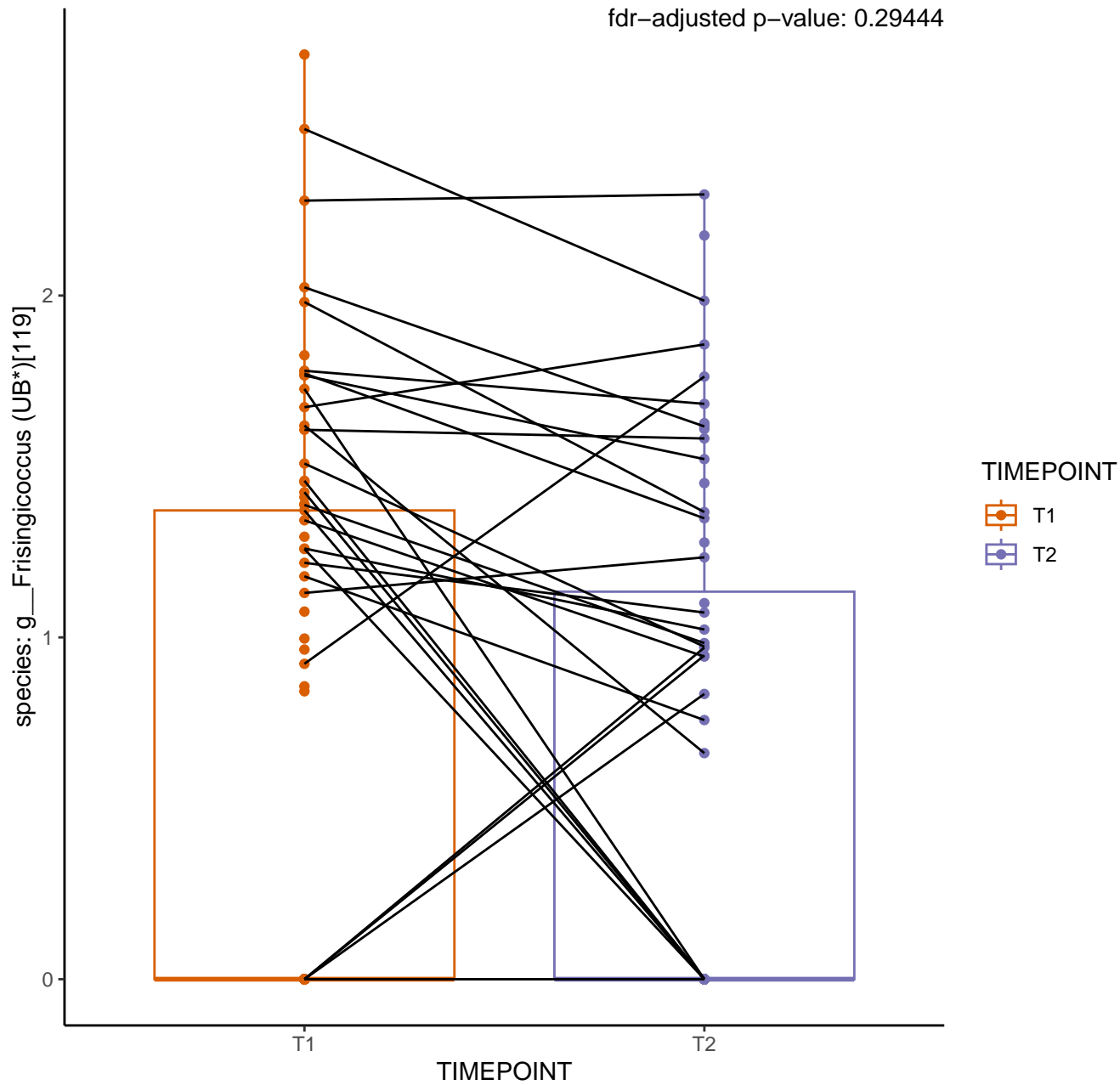
T1

T2



paired p-value: 0.030899

fdr-adjusted p-value: 0.29444



paired p-value: 0.033538

fdr-adjusted p-value: 0.30184

species: g__Sutterella (UB*)[160]

TIMEPOINT

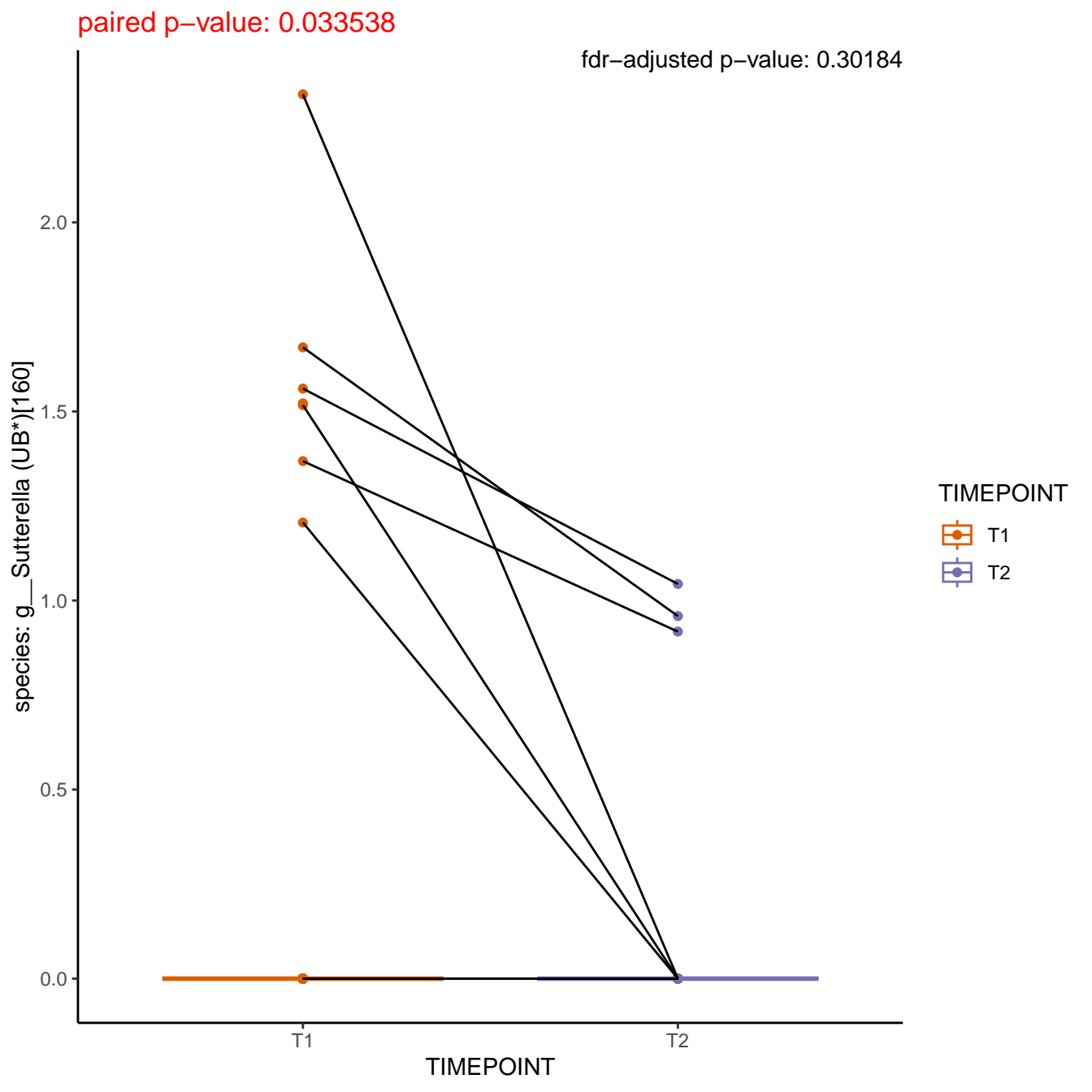
T1

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T1

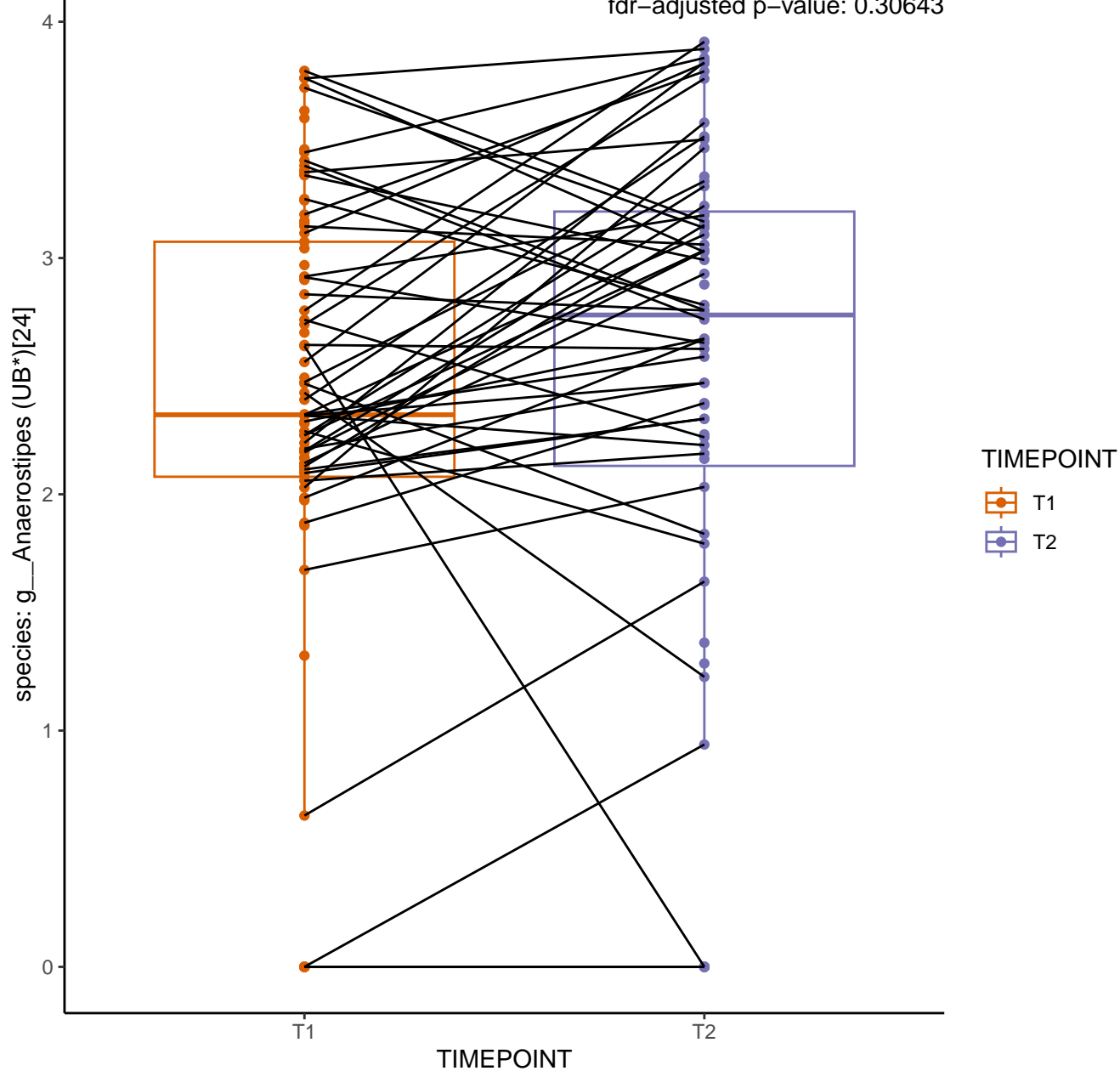
T2

TIMEPOINT



paired p-value: 0.03594

fdr-adjusted p-value: 0.30643



paired p-value: 0.040731

fdr-adjusted p-value: 0.32992

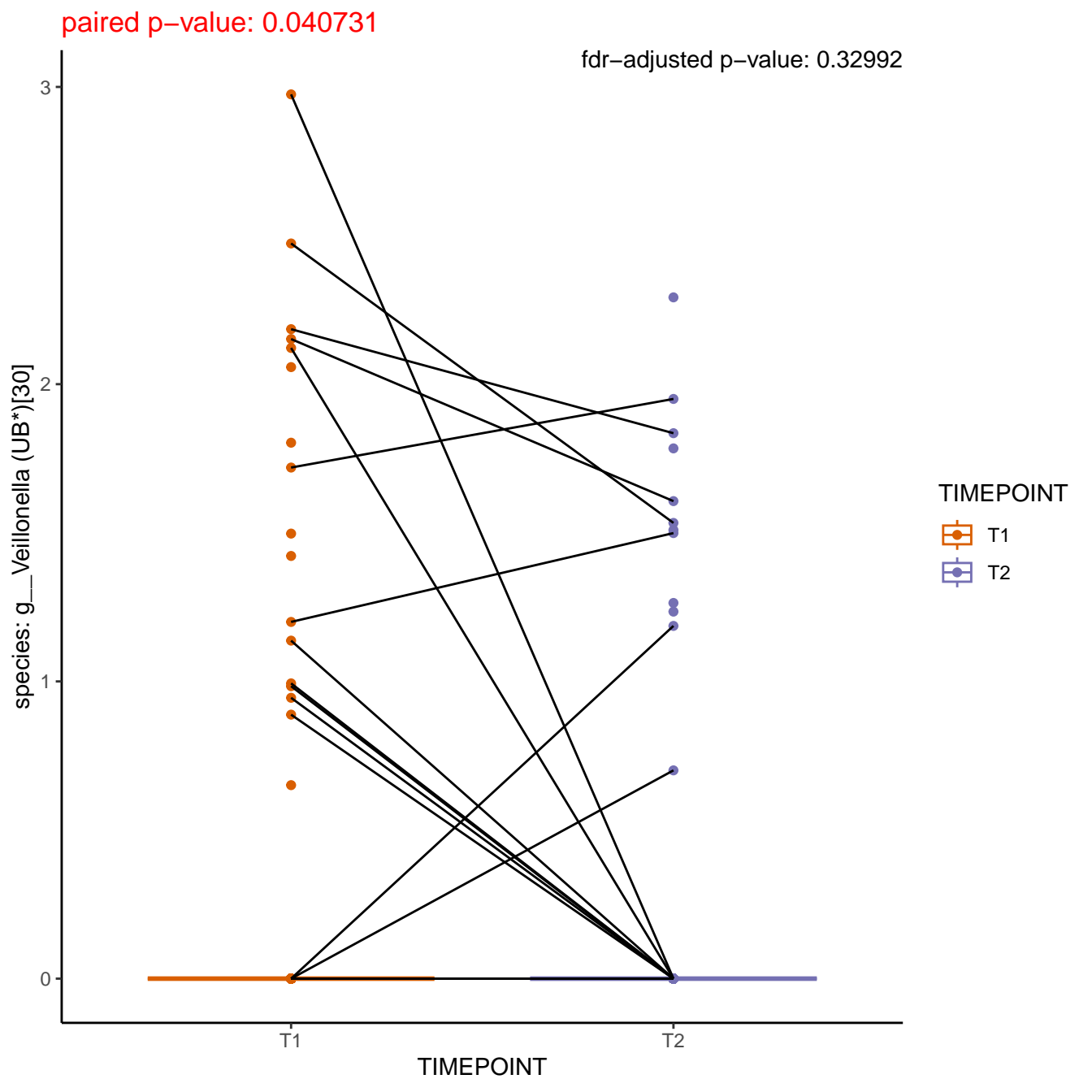
species: g__Veillonella (UB*)[30]

TIMEPOINT

TIMEPOINT

T1

T2



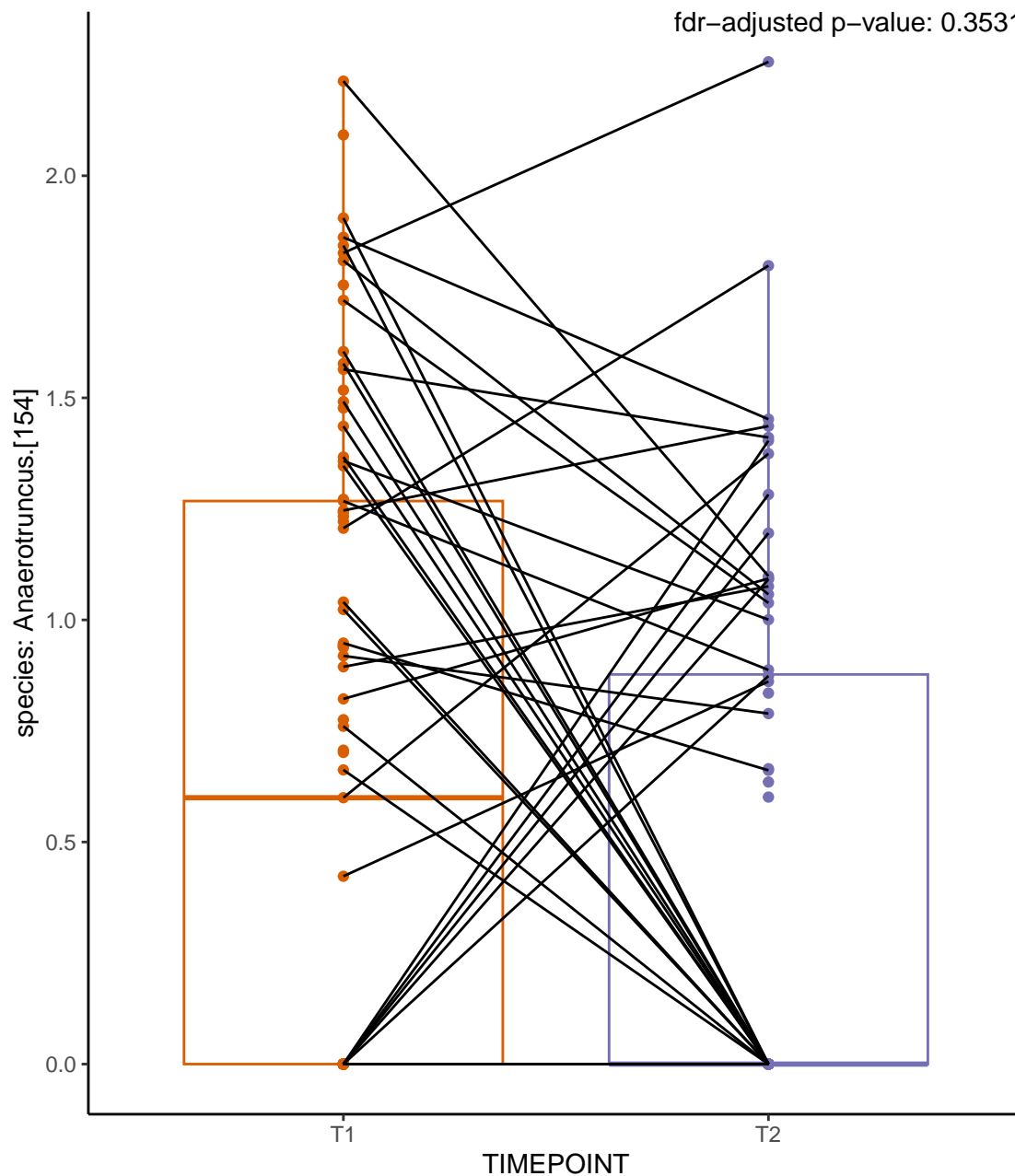
paired p-value: 0.047332

fdr-adjusted p-value: 0.3531

species: Anaerotruncus.[154]

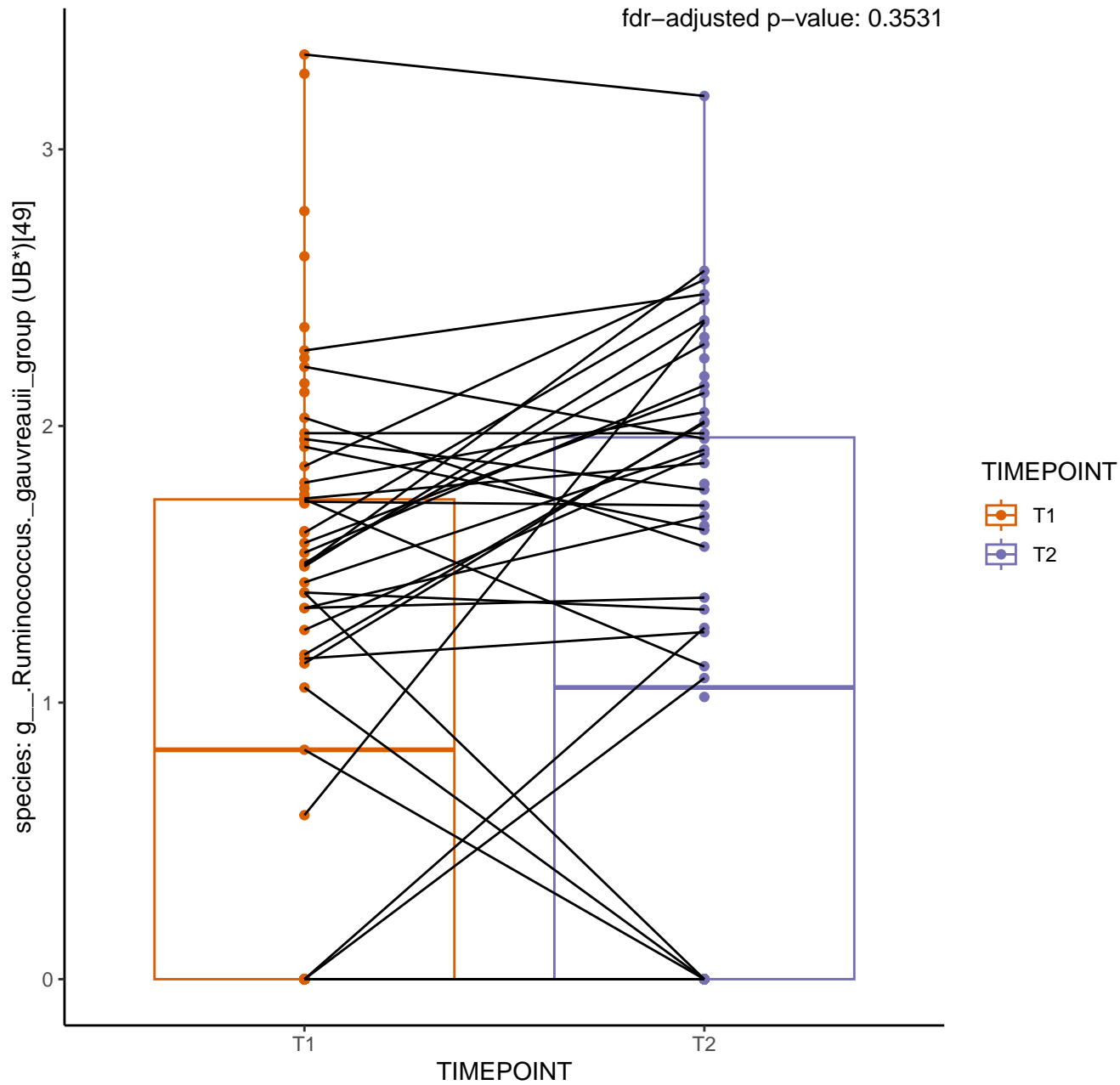
TIMEPOINT

T1
T2



paired p-value: 0.049862

fdr-adjusted p-value: 0.3531



paired p-value: 0.053347

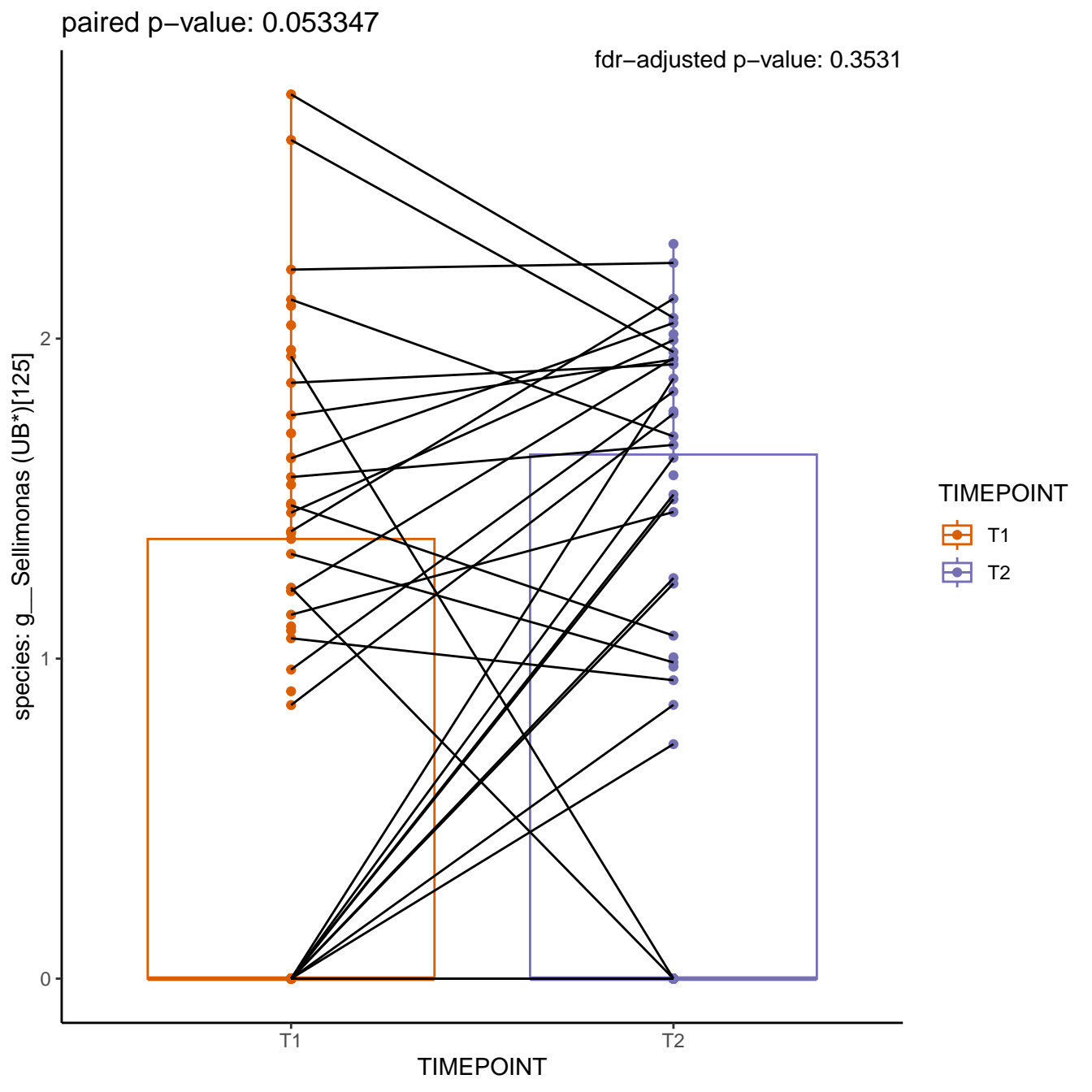
fdr-adjusted p-value: 0.3531

species: g__ Sellimonas (UB*)[125]

TIMEPOINT

T1

T2



paired p-value: 0.054025

fdr-adjusted p-value: 0.3531

species: Adlercreutzia.[81]

TIMEPOINT

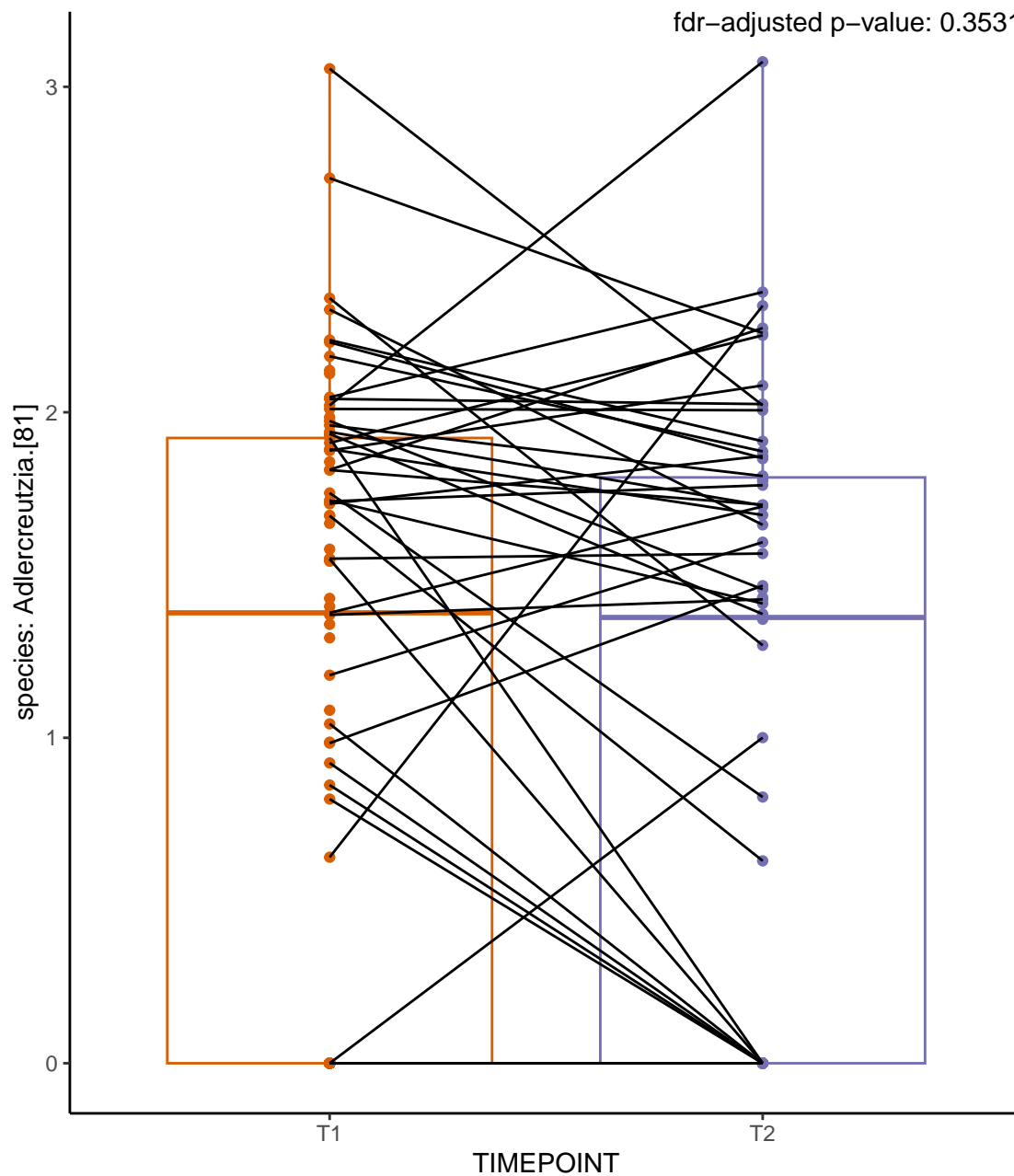
T1

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TIMEPOINT



paired p-value: 0.054736

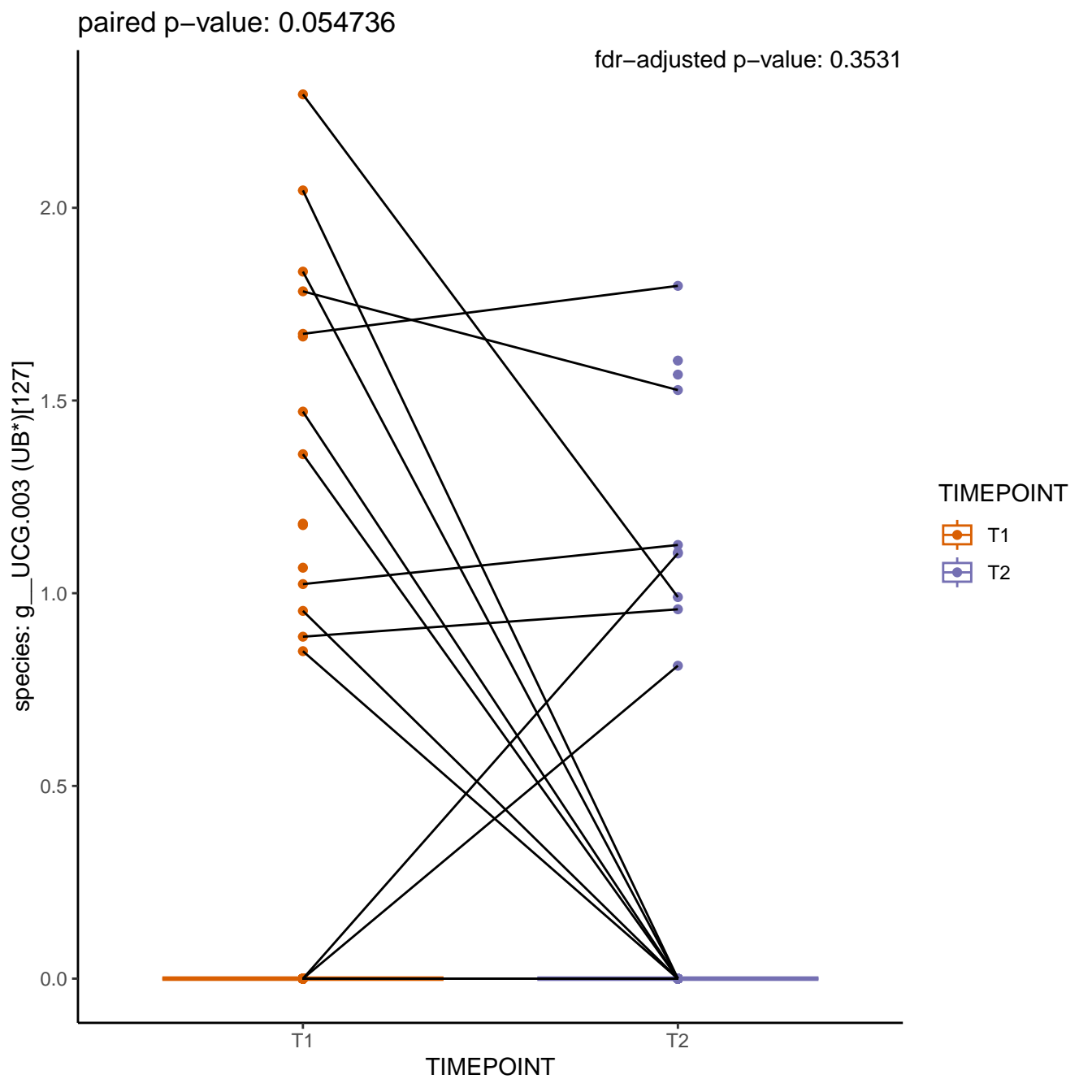
fdr-adjusted p-value: 0.3531

species: g_UCG.003 (UB*)[127]

TIMEPOINT

T1

T2



paired p-value: 0.05667

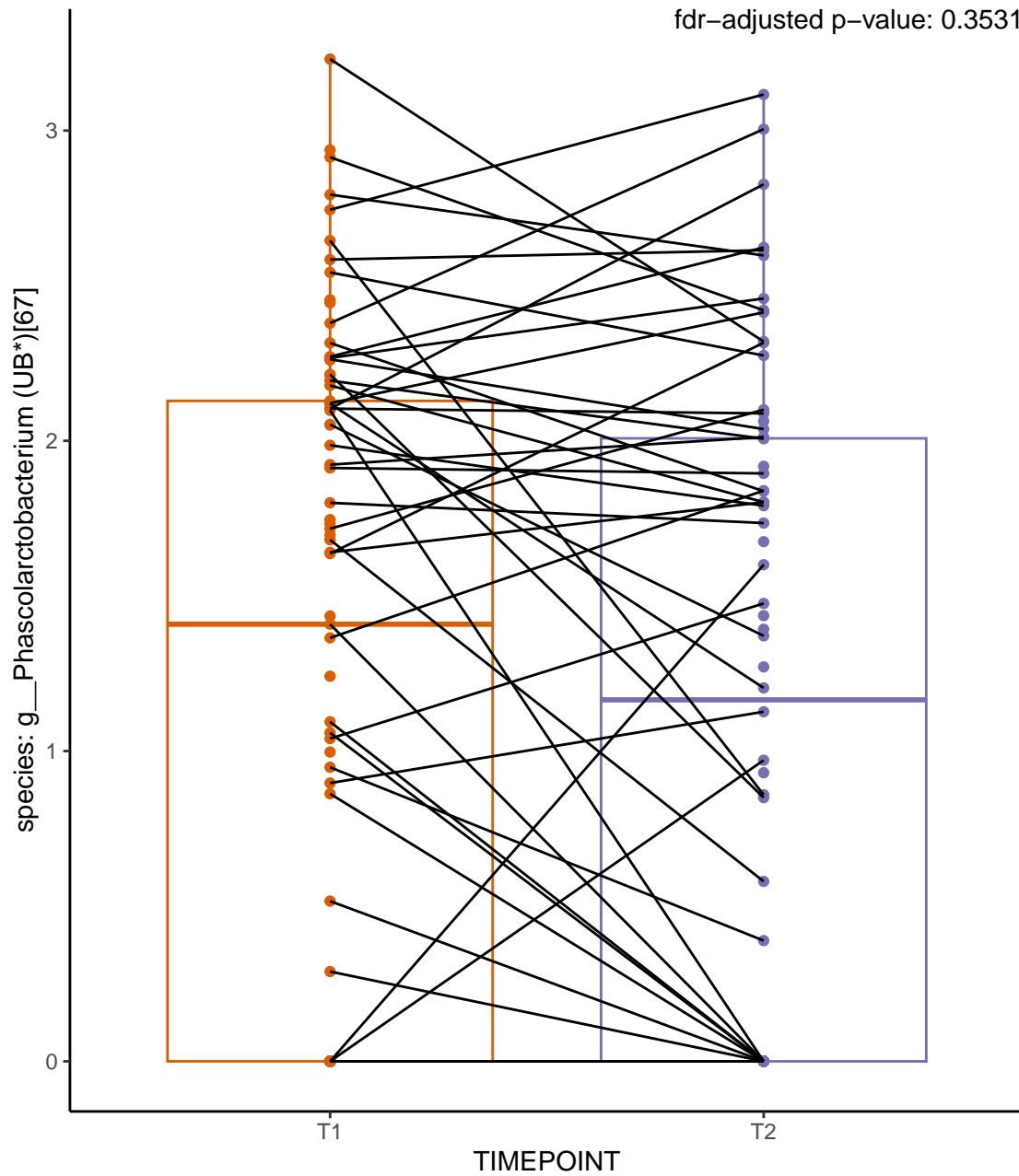
fdr-adjusted p-value: 0.3531

species: g__Phascolarctobacterium (UB*) [67]

TIMEPOINT

T1

T2



paired p-value: 0.059235

fdr-adjusted p-value: 0.35541

species: Solobacterium.[143]

TIMEPOINT

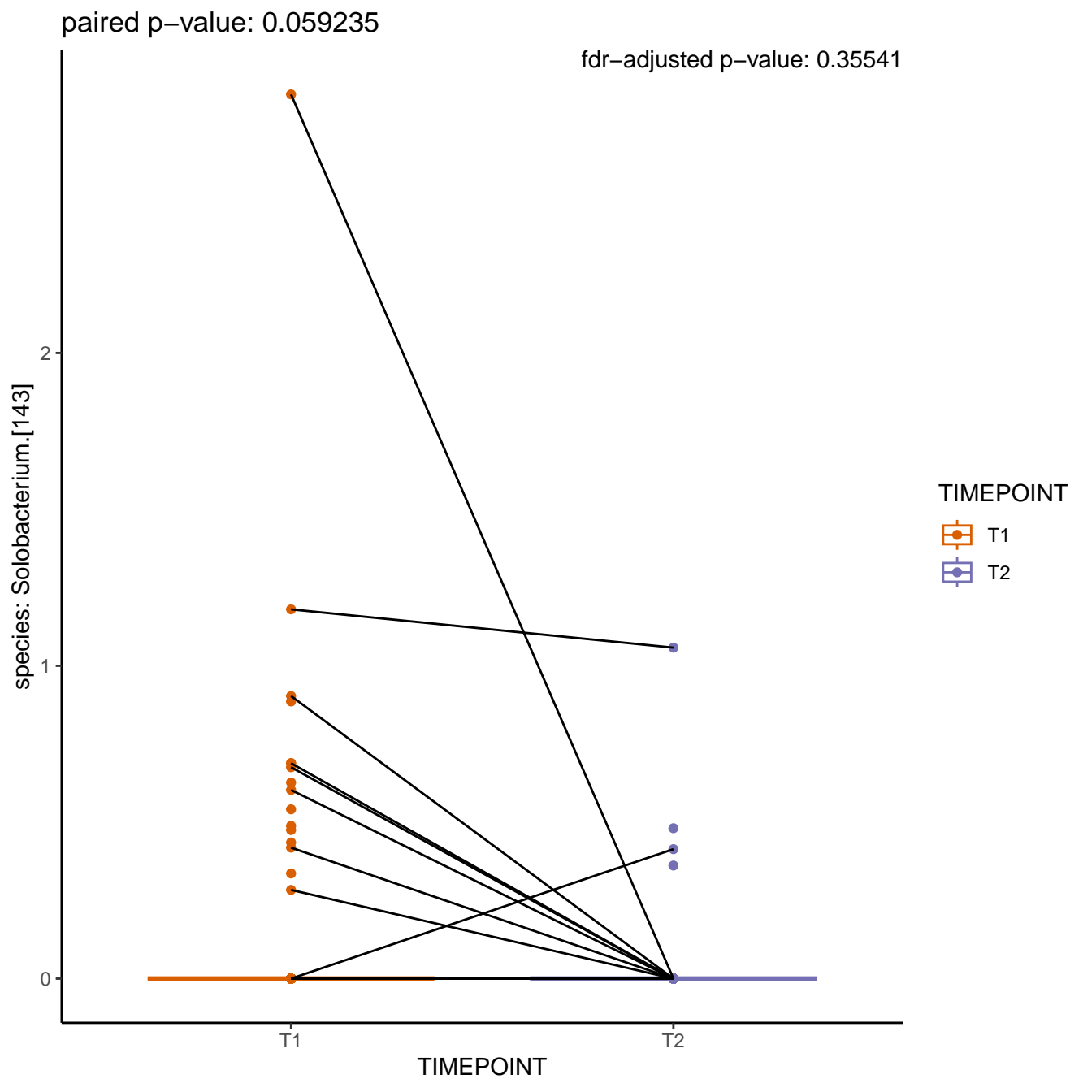
T1

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T1

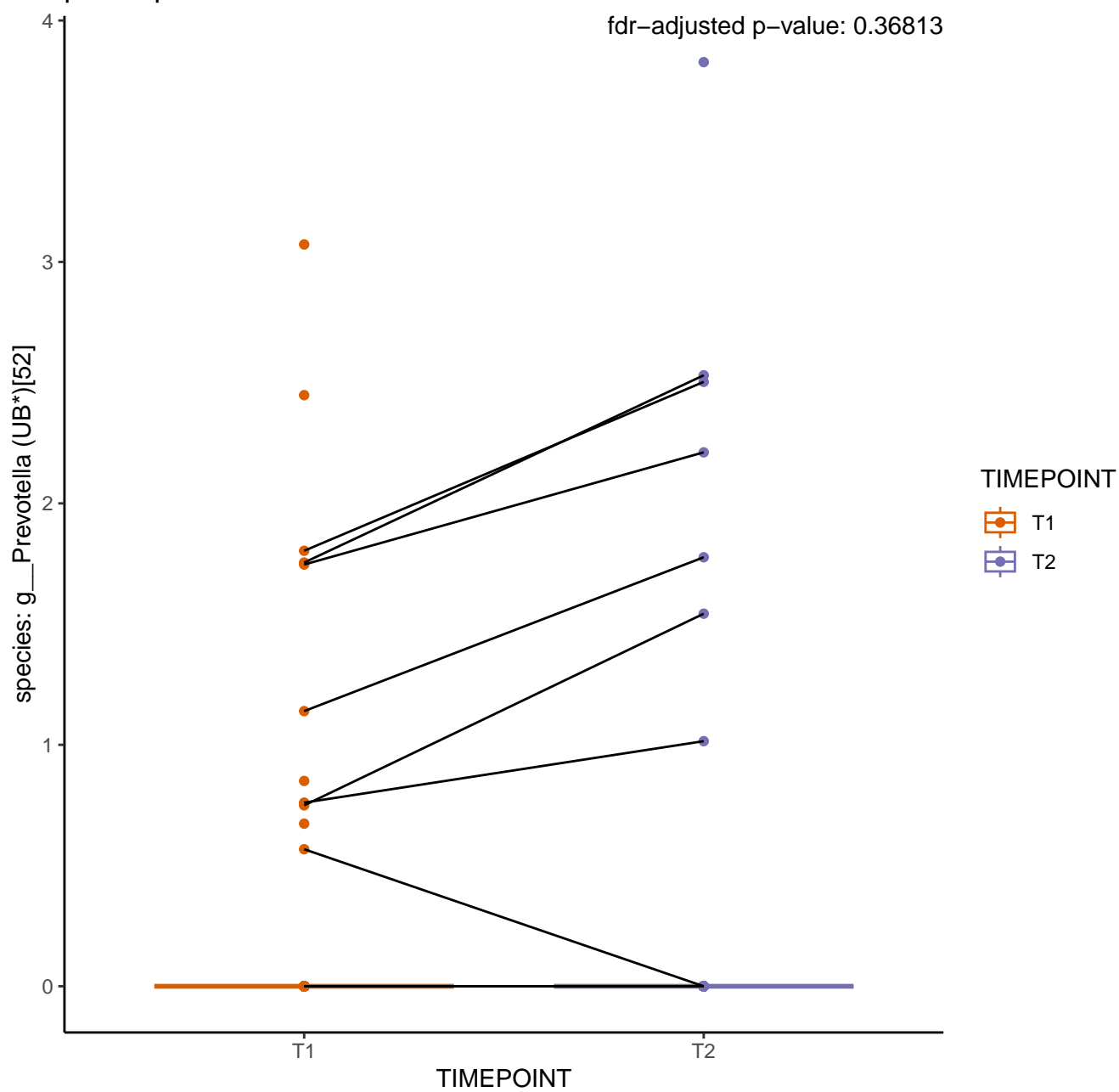
T2

TIMEPOINT



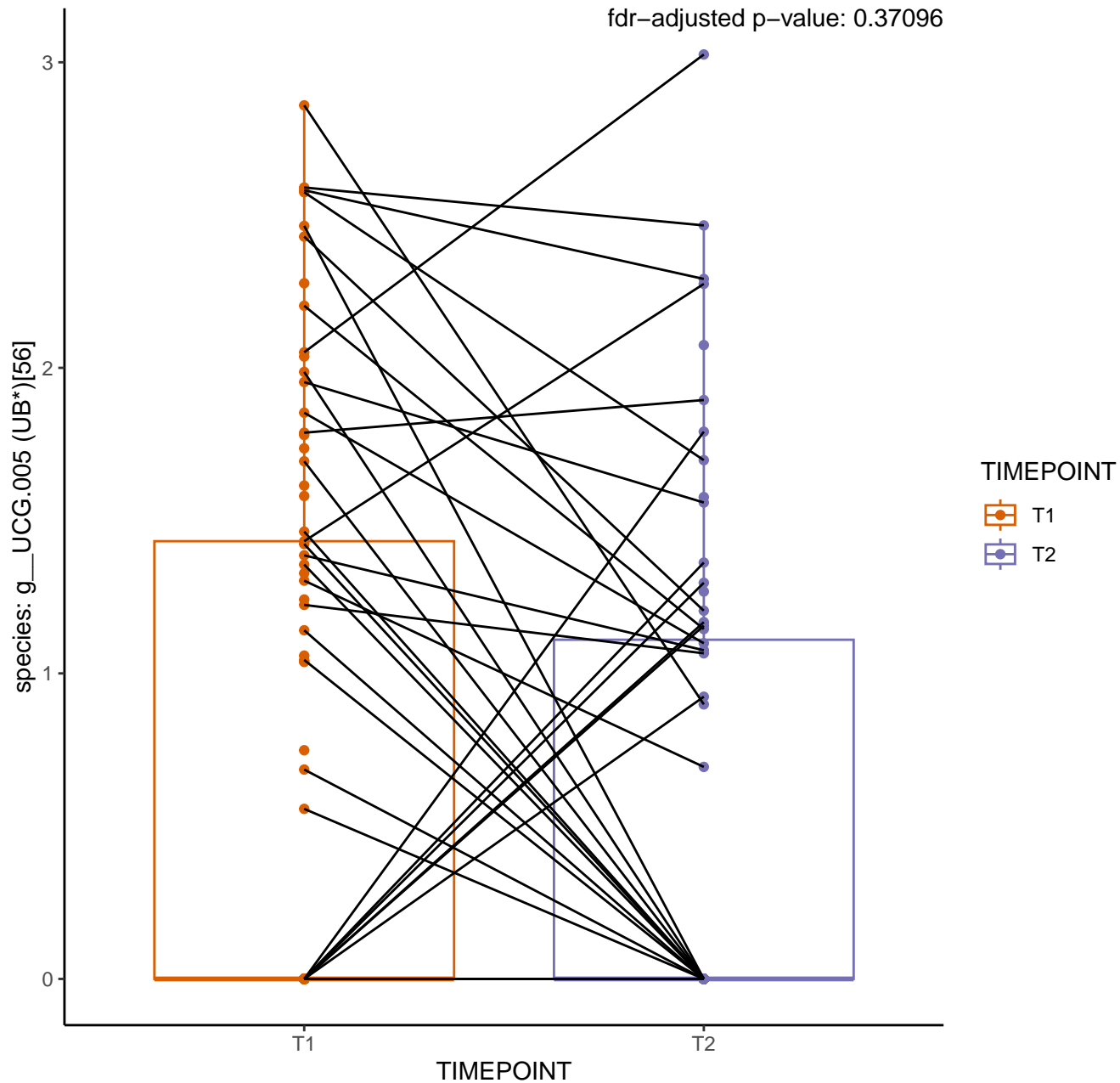
paired p-value: 0.063627

fdr-adjusted p-value: 0.36813



paired p-value: 0.066406

fdr-adjusted p-value: 0.37096



paired p-value: 0.071484

fdr-adjusted p-value: 0.38324

species: Enterobacter.[126]

TIMEPOINT

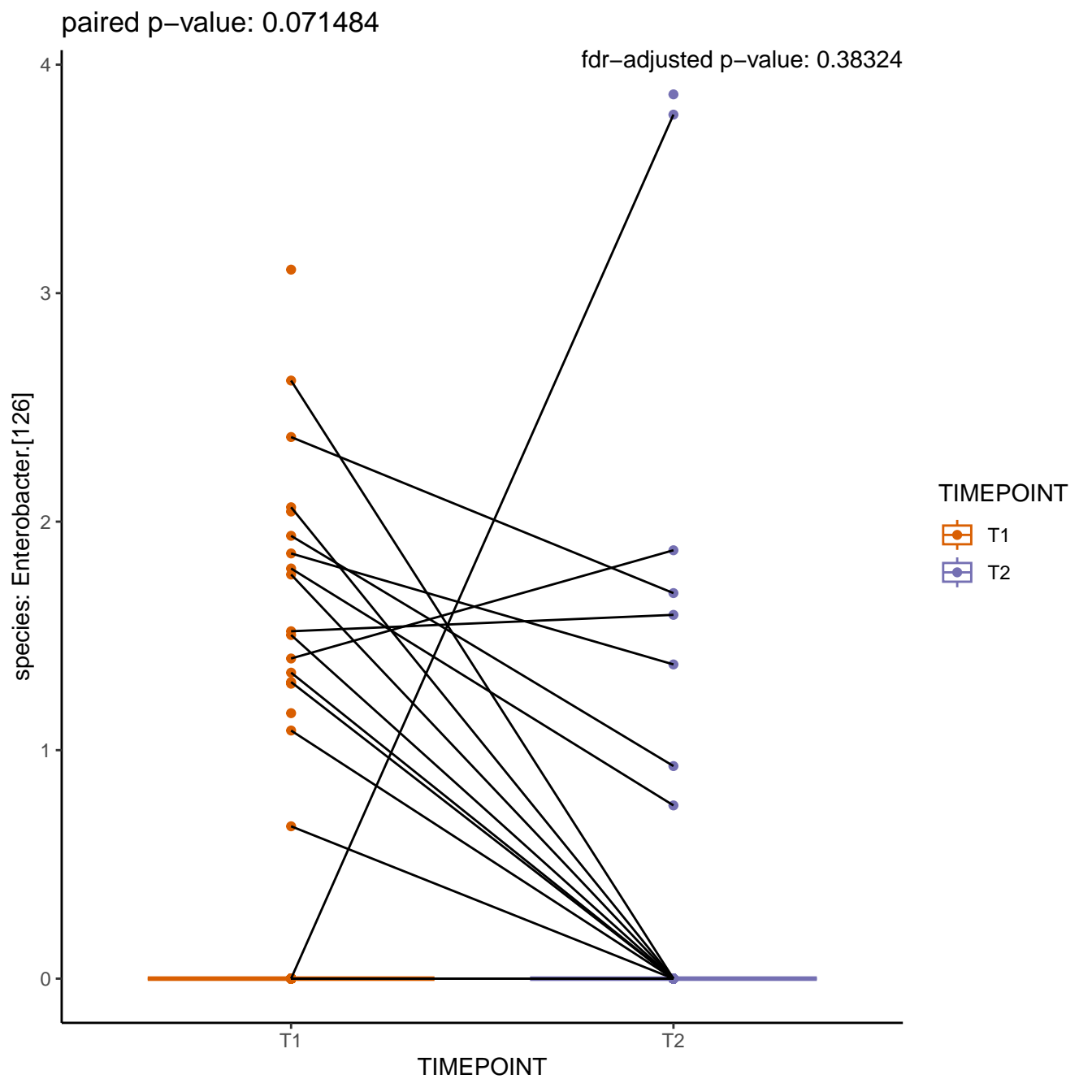
T1

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TIMEPOINT



paired p-value: 0.073908

fdr-adjusted p-value: 0.38324

species: g__Family_XIII_UCG.001 (UB*)[169]

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T1

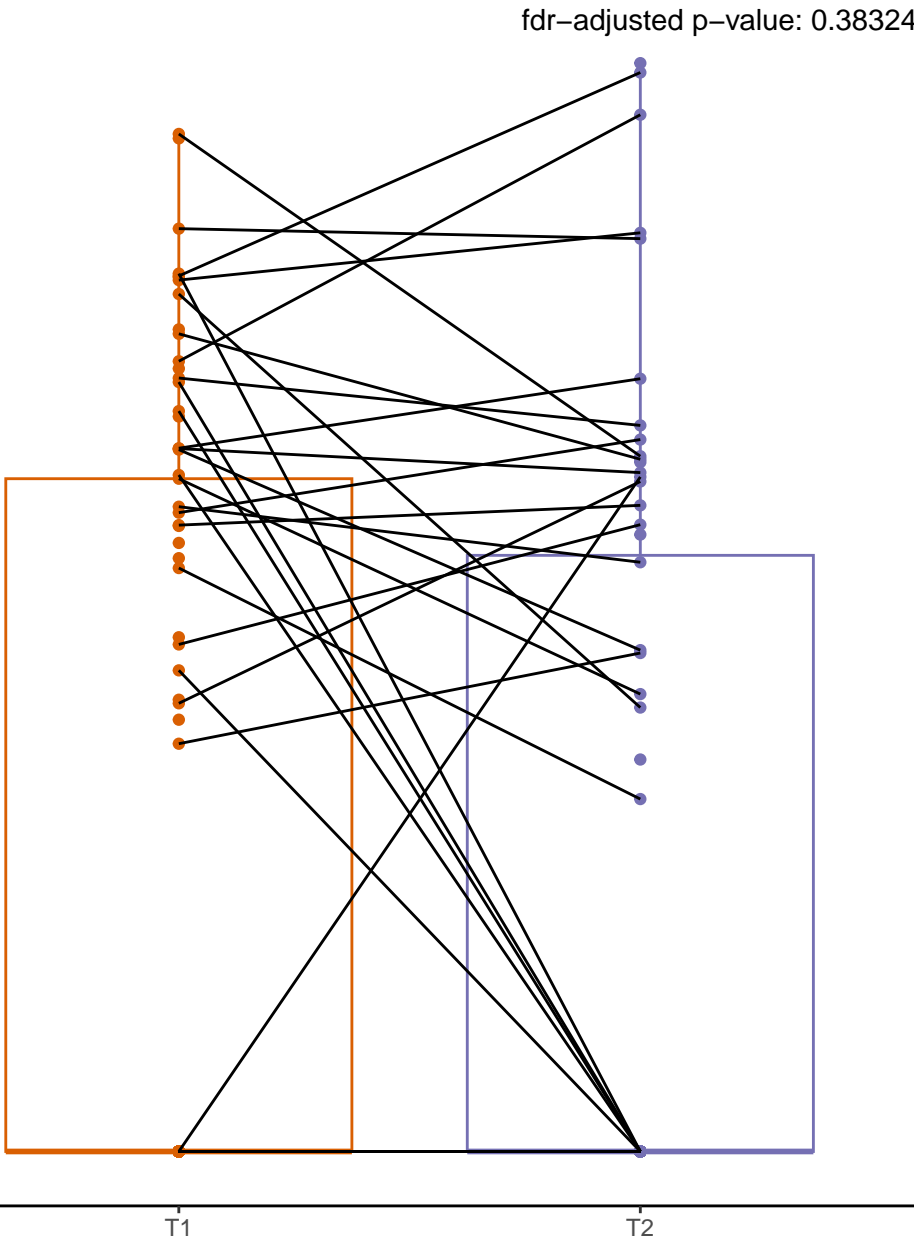
T2

TIMEPOINT

TIMEPOINT

T1

T2



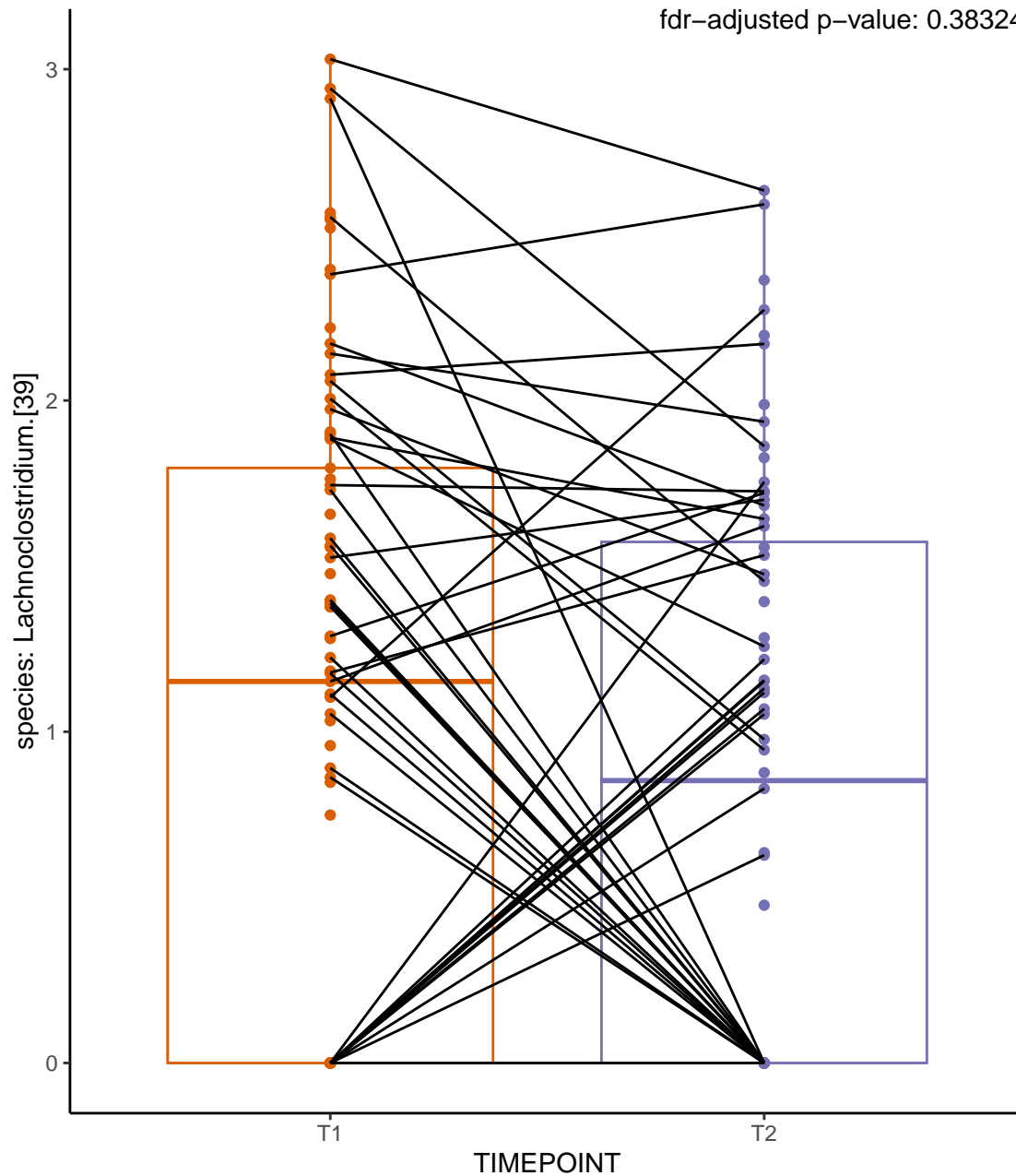
paired p-value: 0.076041

fdr-adjusted p-value: 0.38324

species: *Lachnospirillum*. [39]

TIMEPOINT

T1
T2



paired p-value: 0.078068

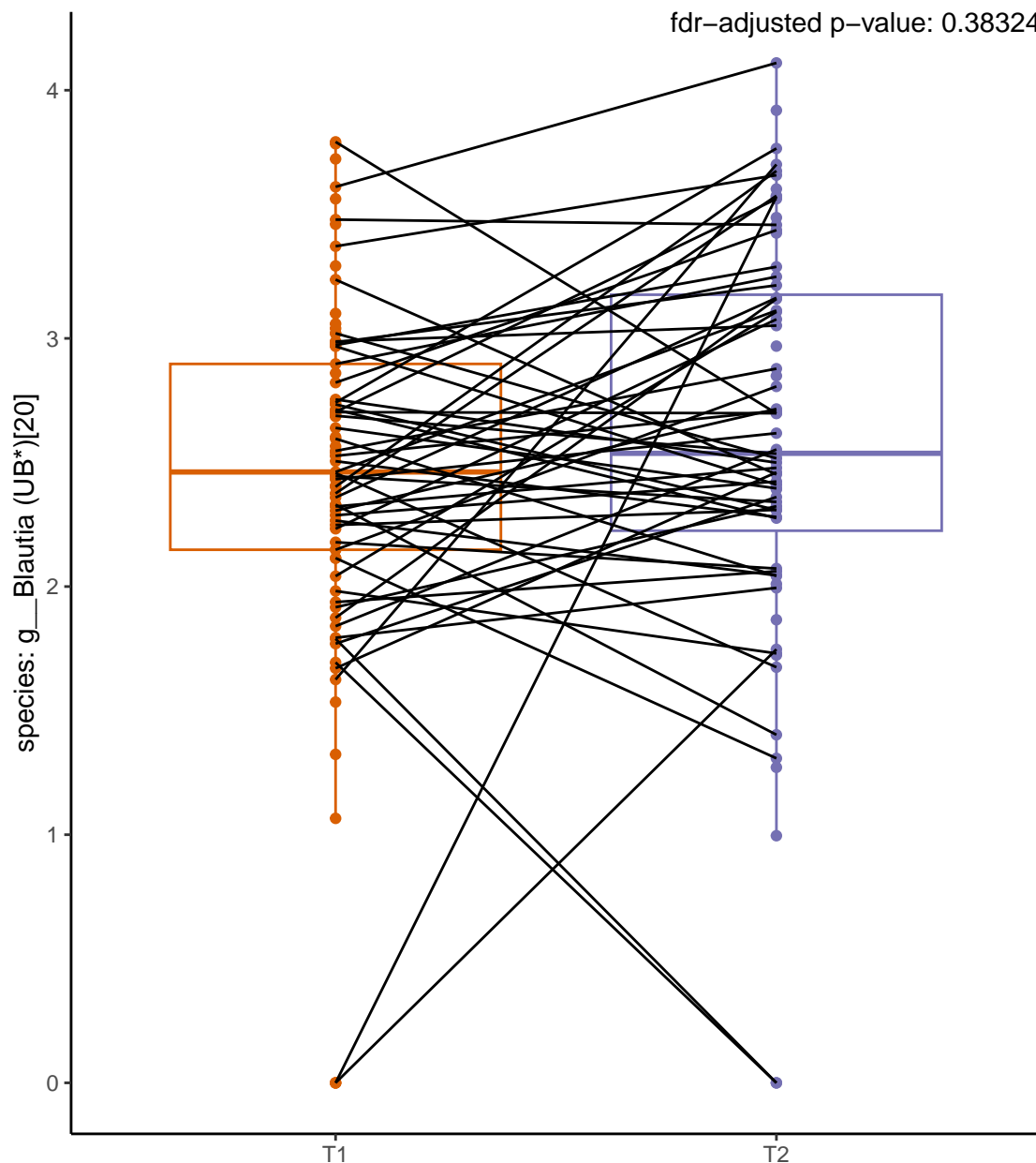
fdr-adjusted p-value: 0.38324

species: g__Blautia (UB*)[20]

TIMEPOINT

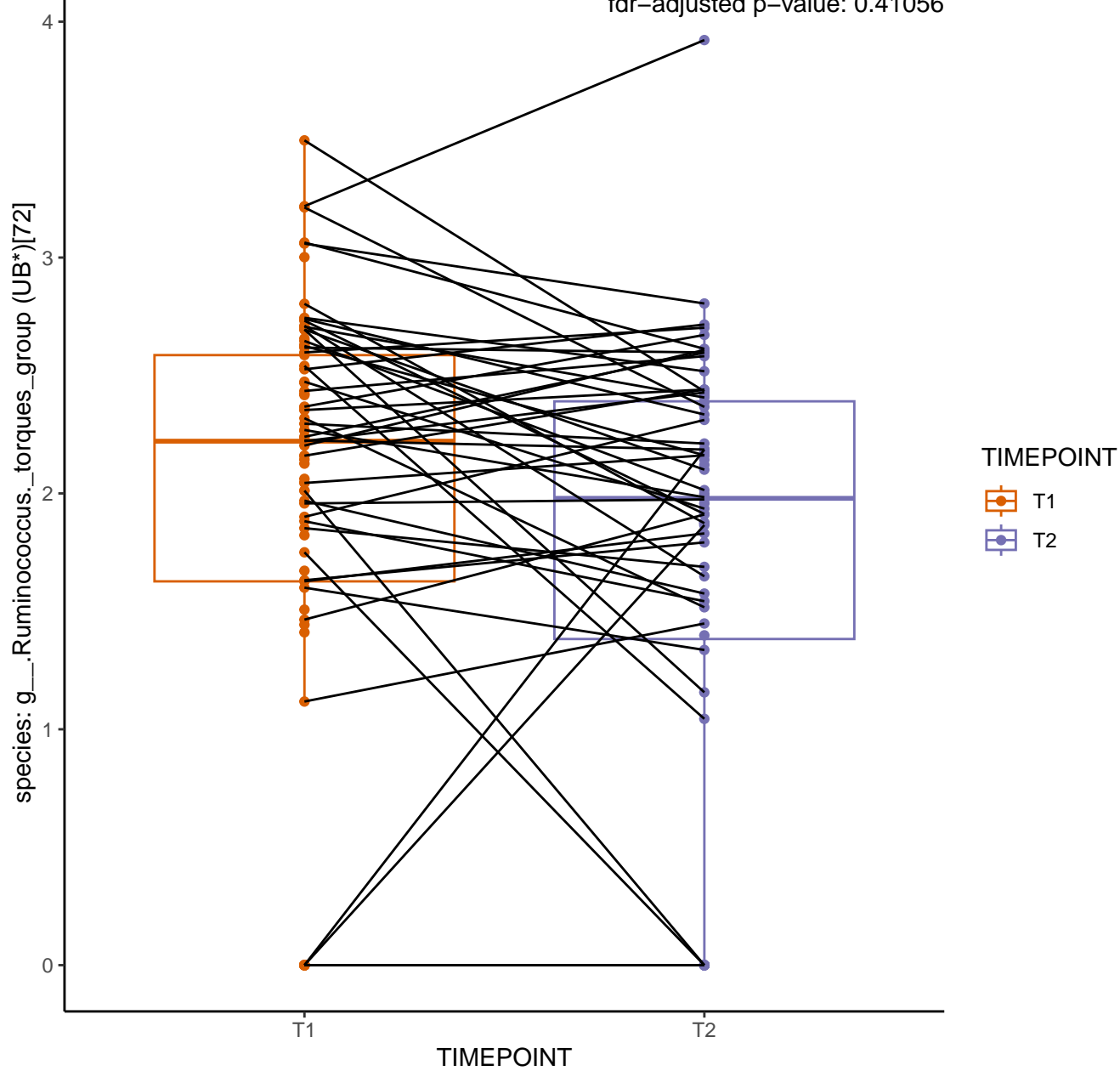
TIMEPOINT

T1
T2



paired p-value: 0.086167

fdr-adjusted p-value: 0.41056



paired p-value: 0.096914

fdr-adjusted p-value: 0.43731

species: uncultured.[98]

TIMEPOINT

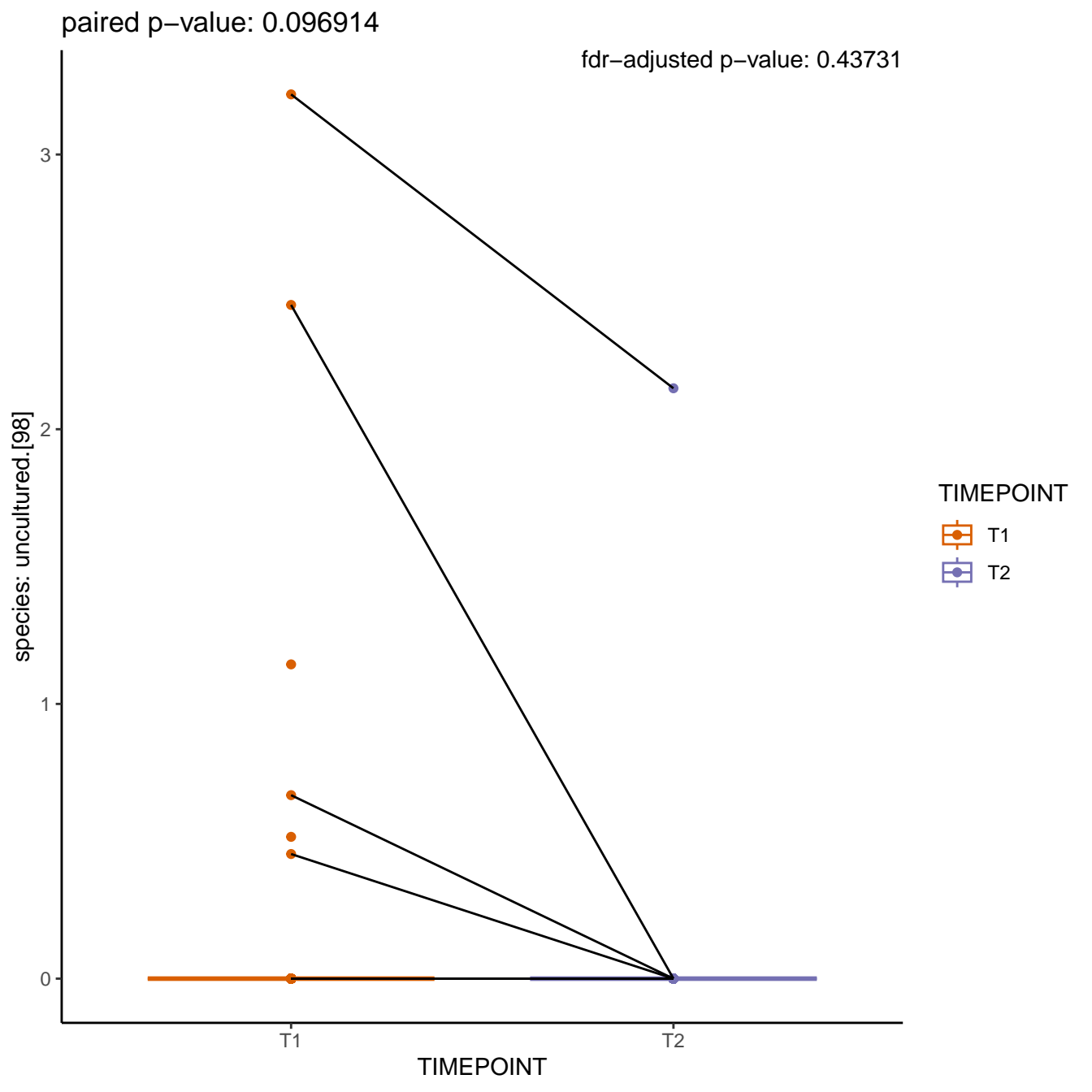
T1

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T1

T2

TIMEPOINT



paired p-value: 0.097848

fdr-adjusted p-value: 0.43731

species: uncultured.[121]

TIMEPOINT

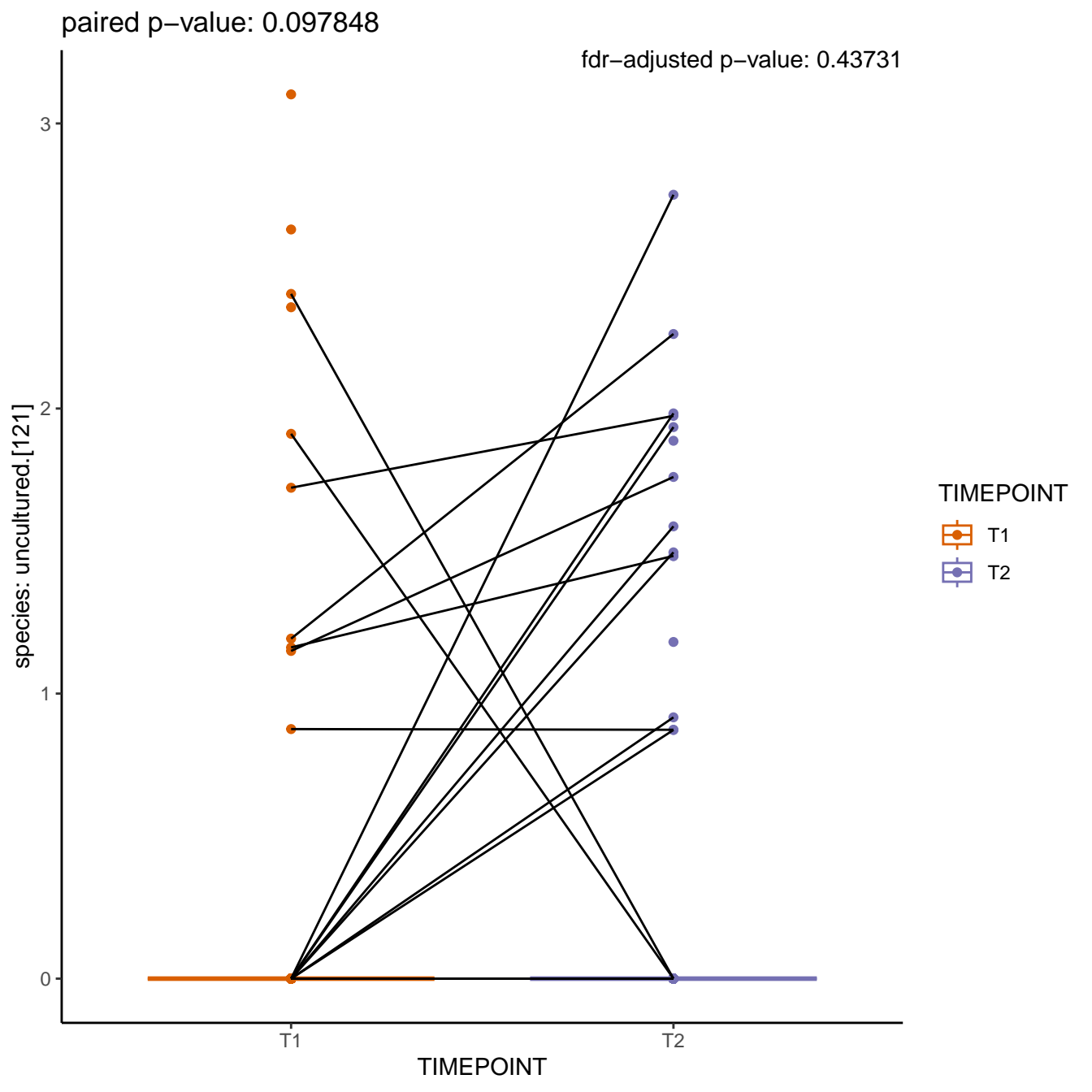
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.10025

fdr-adjusted p-value: 0.43731

species: *Methanobrevibacter*. [69]

TIMEPOINT

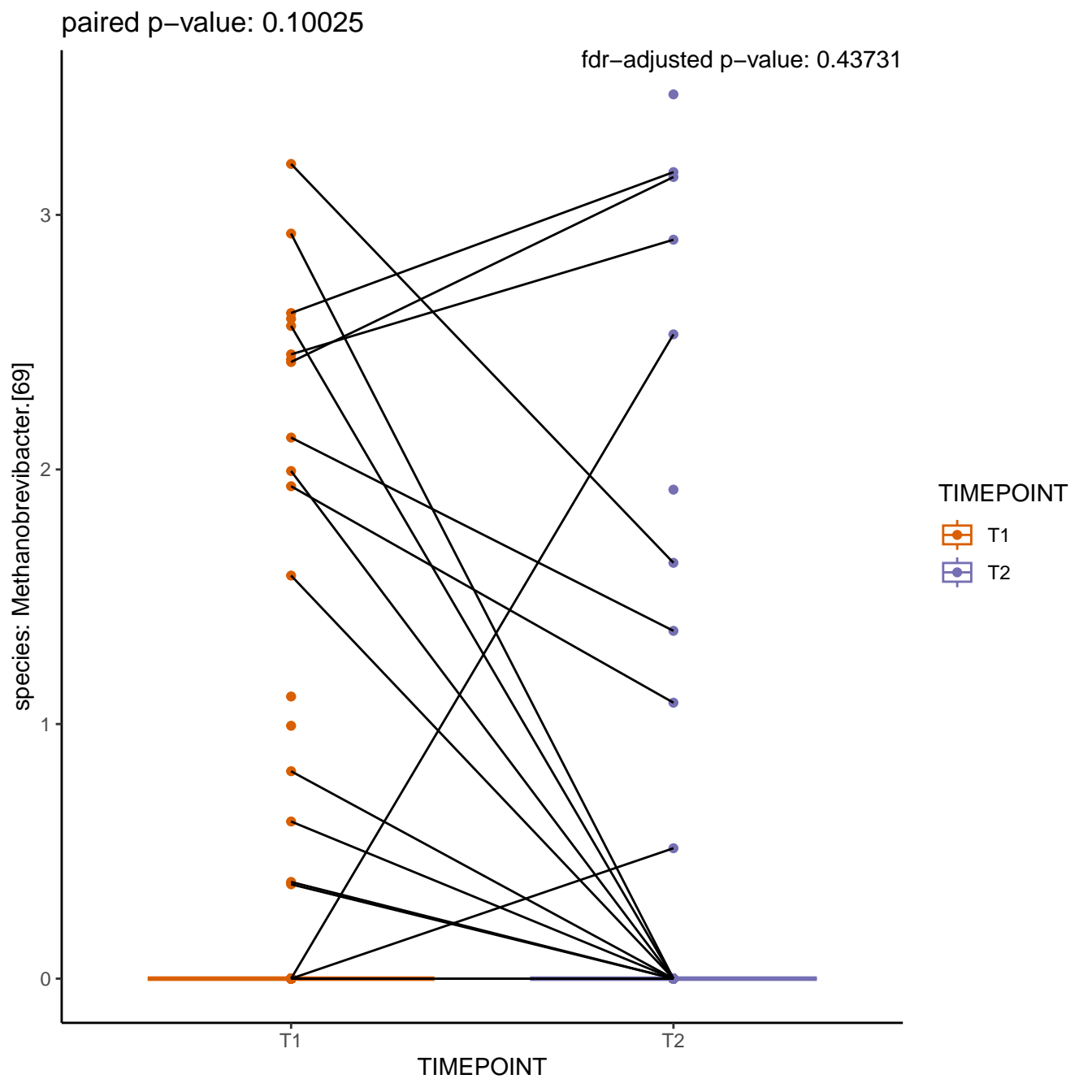
T1

T2

T1

T2

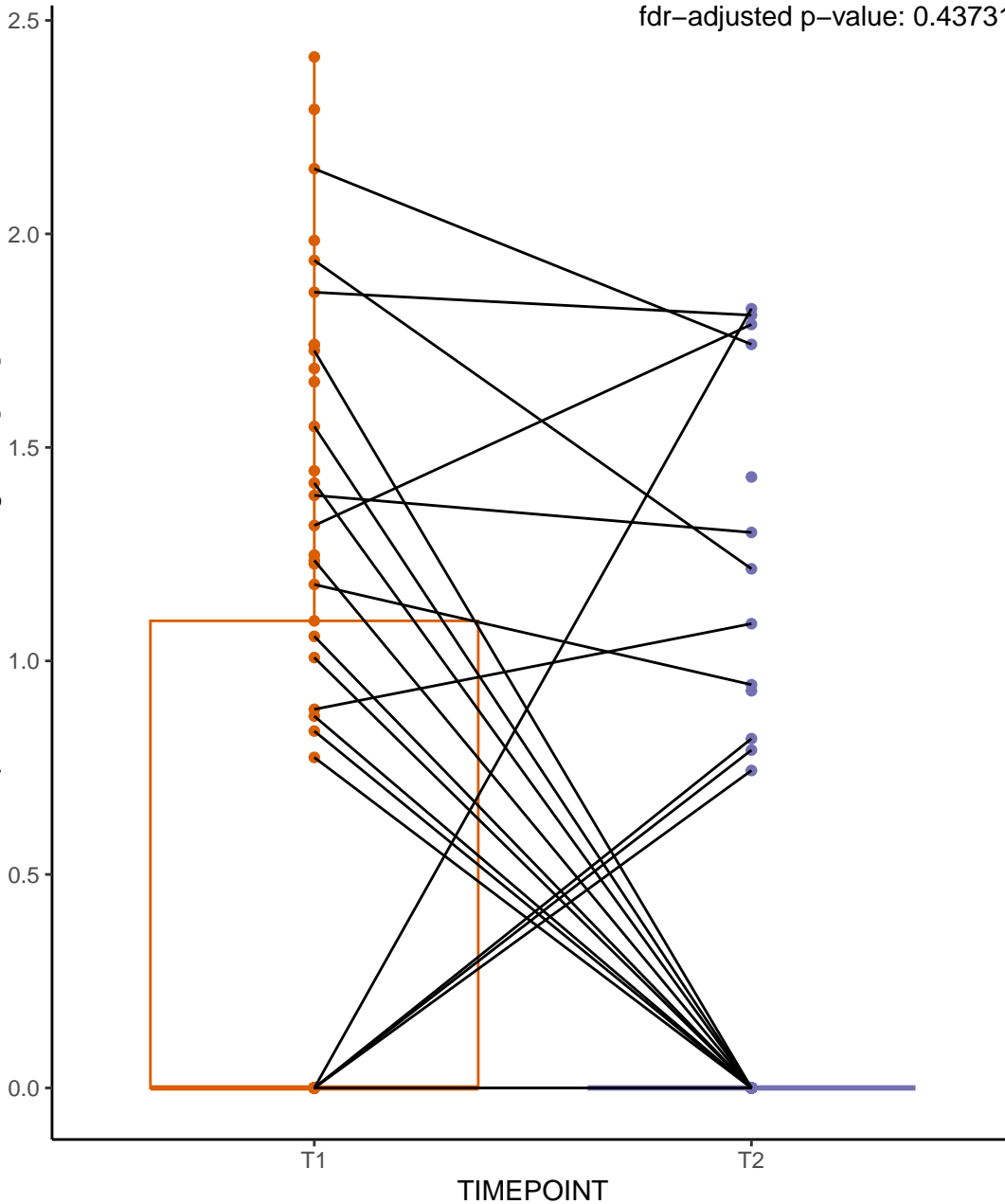
TIMEPOINT



paired p-value: 0.10495

fdr-adjusted p-value: 0.43731

species: uncultured_organism[167]



paired p-value: 0.10785

fdr-adjusted p-value: 0.43731

species: g__uncultured (UB*)[159]

TIMEPOINT

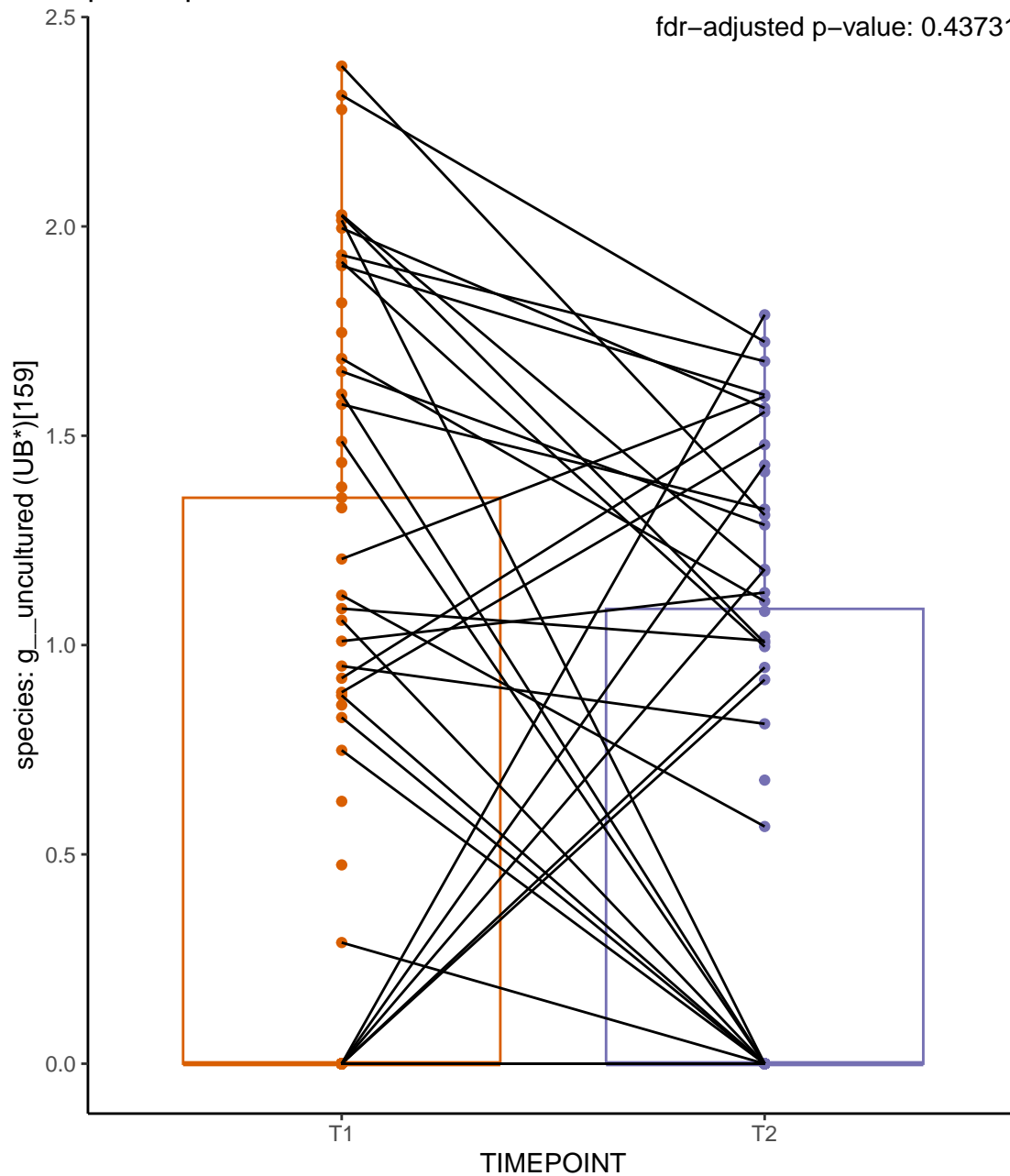
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.10798

fdr-adjusted p-value: 0.43731

species: g__Holdemanella (UB*)[8]

TIMEPOINT

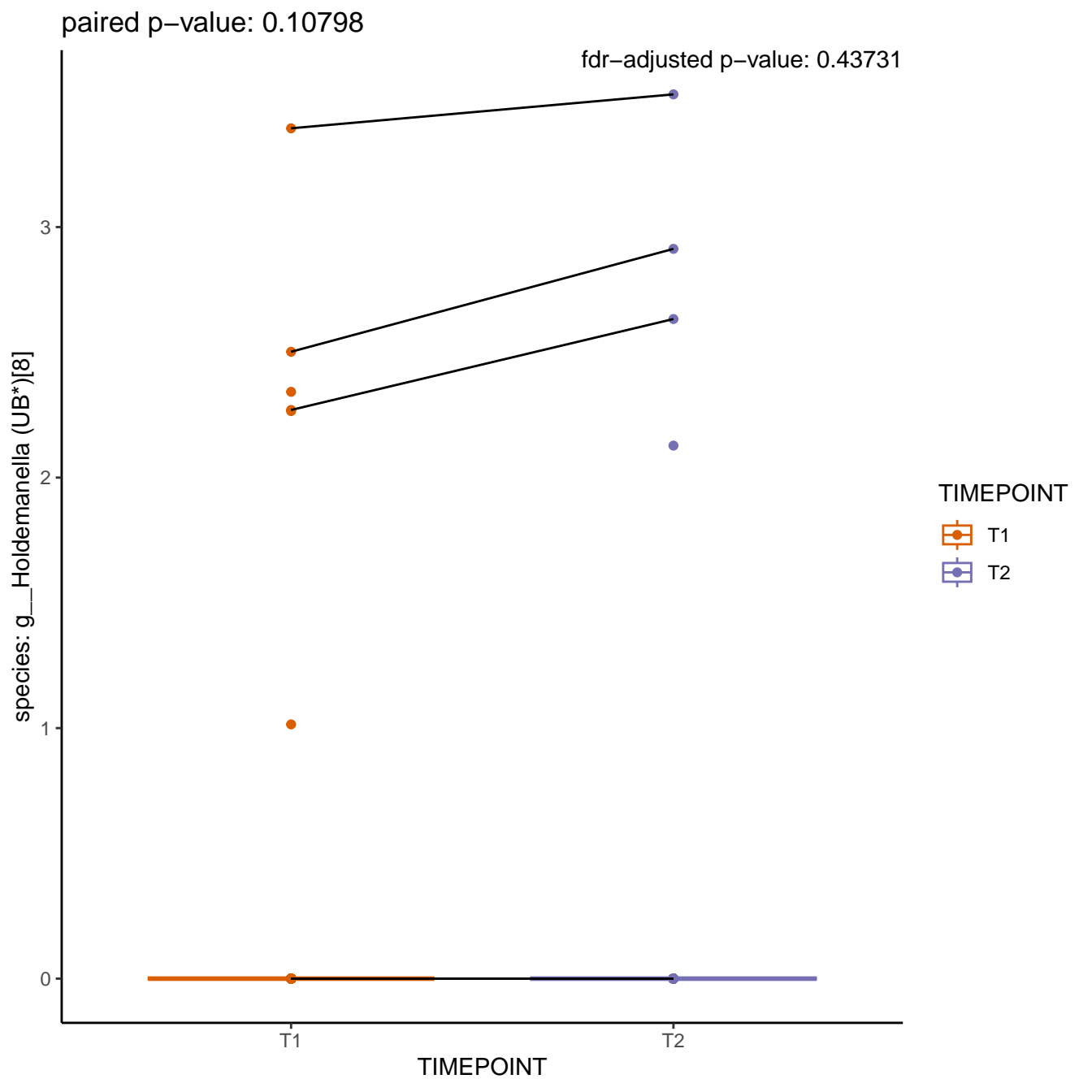
T1

T2

T1

T2

TIMEPOINT



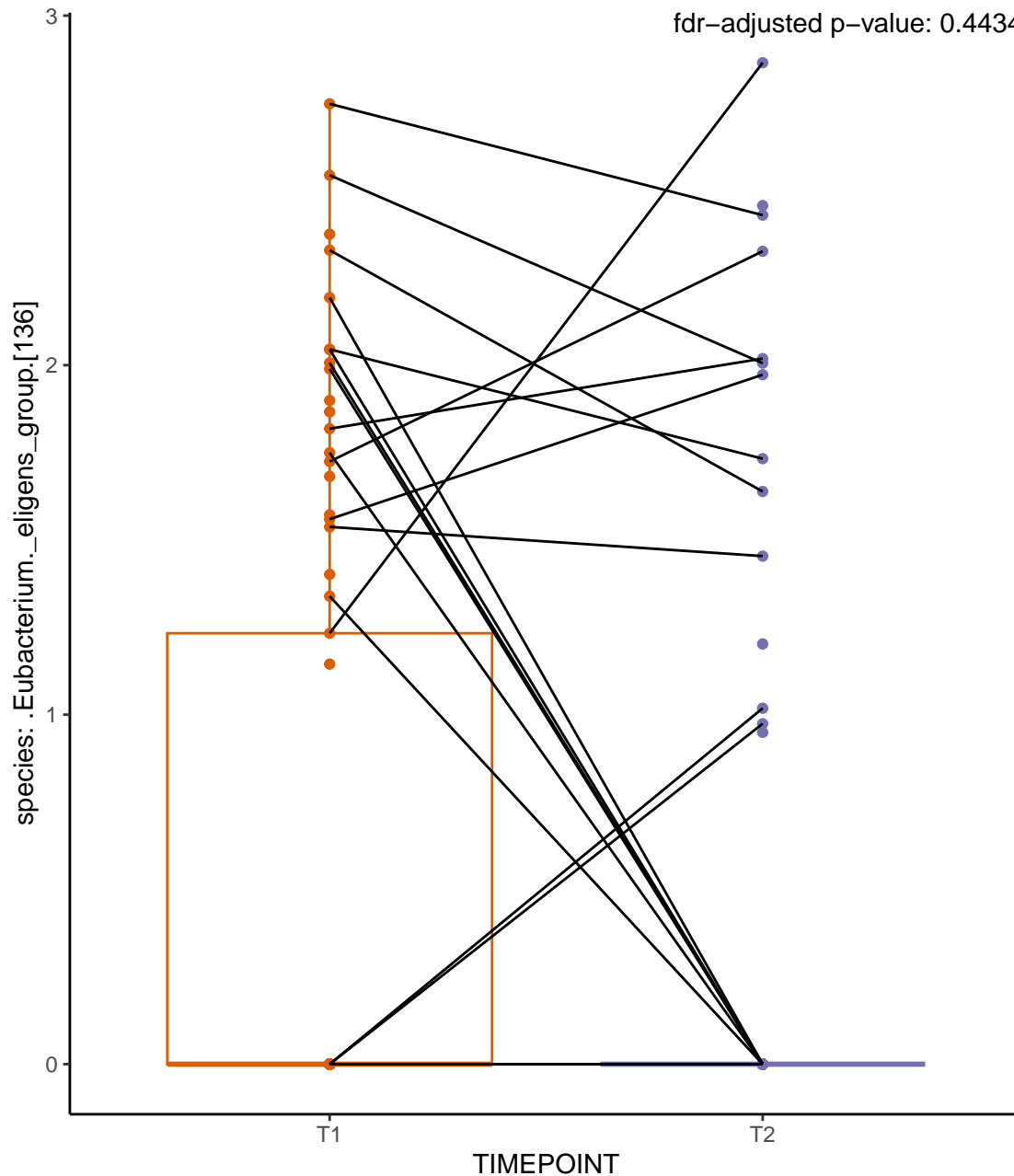
paired p-value: 0.11222

fdr-adjusted p-value: 0.4434

species: .Eubacterium._eligans_group.[136]

TIMEPOINT

T1
T2



paired p-value: 0.12119

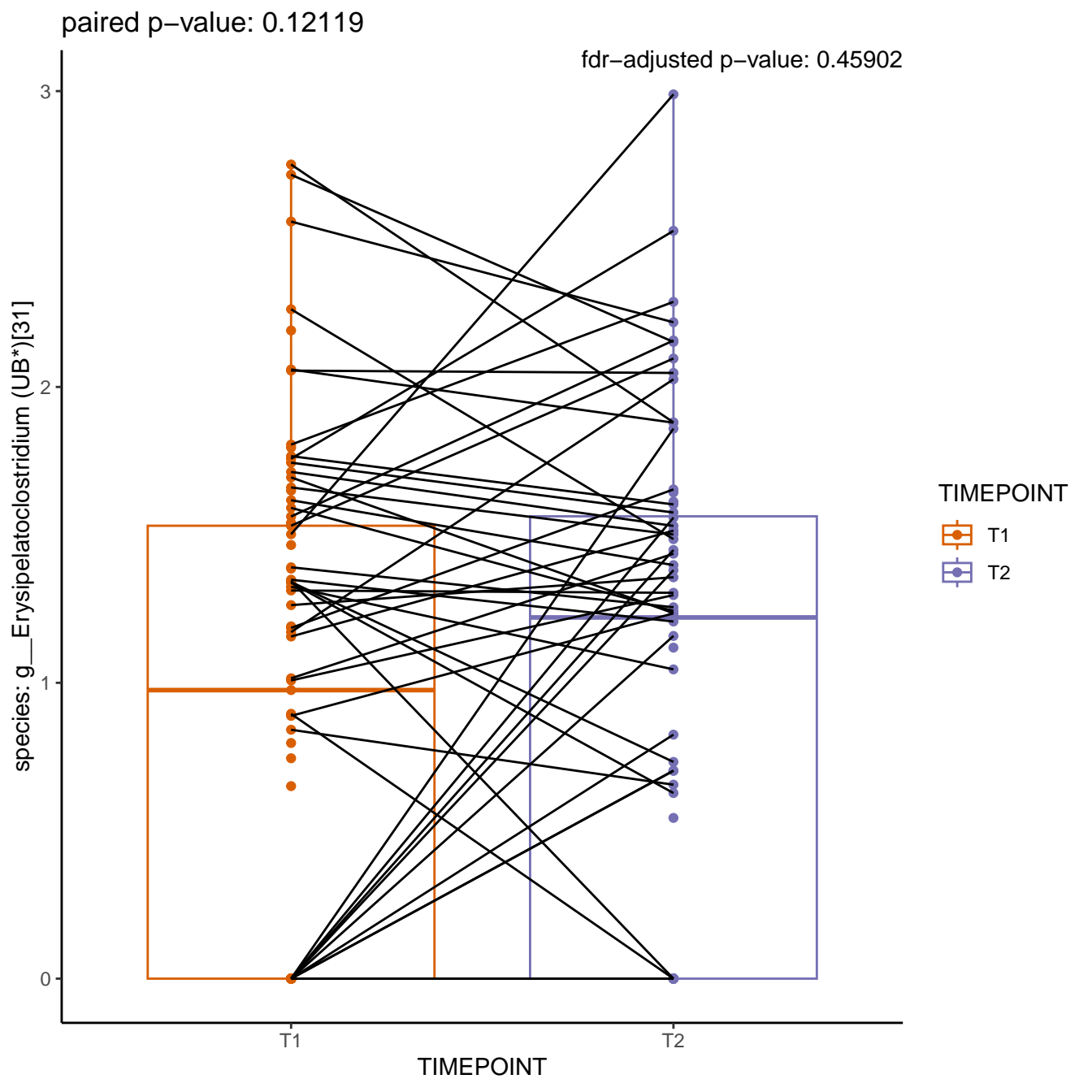
fdr-adjusted p-value: 0.45902

species: g__Erysipelatoclostridium (UB*)[31]

TIMEPOINT

T1

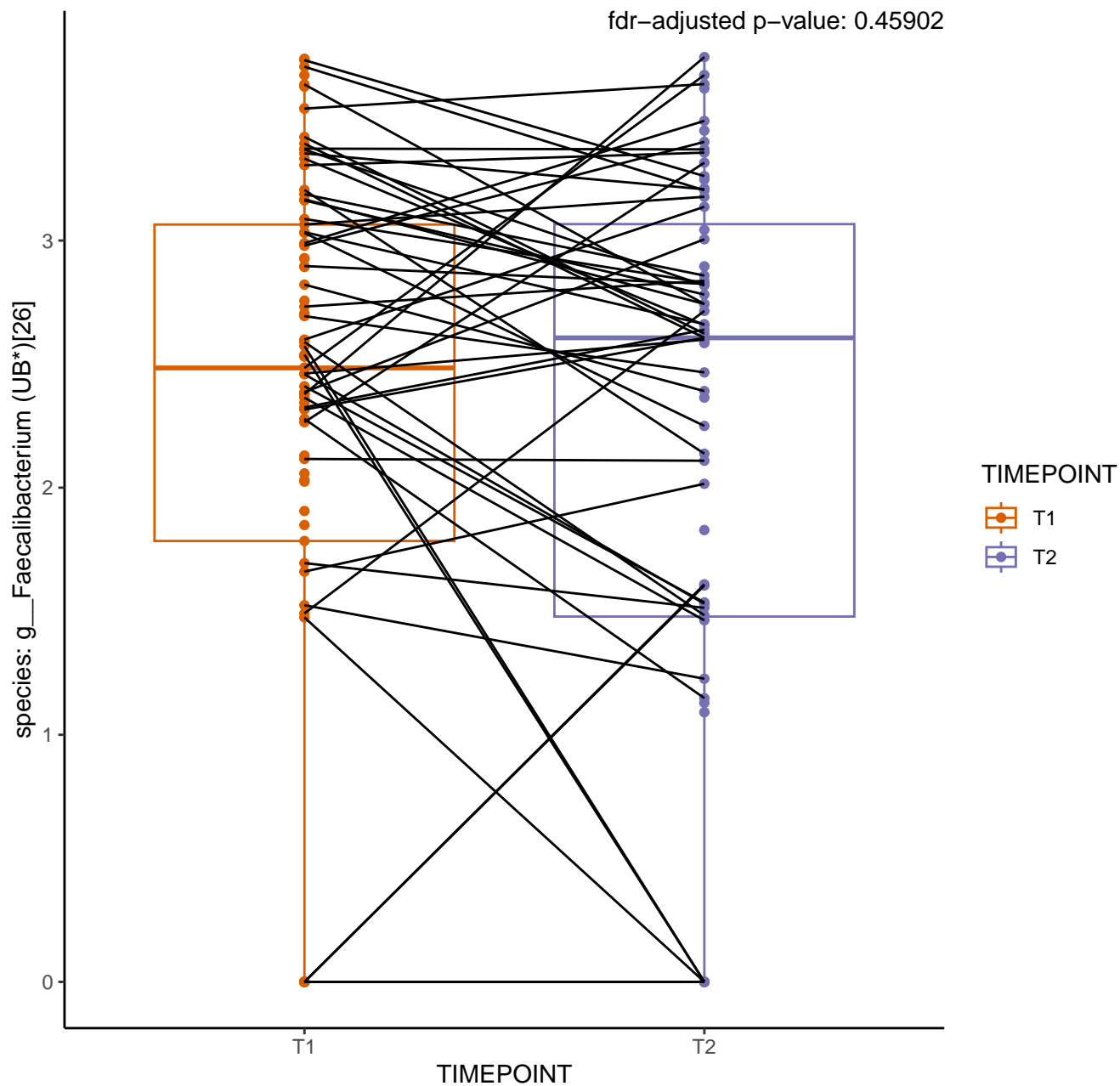
T2



paired p-value: 0.12398

fdr-adjusted p-value: 0.45902

species: g__Faecalibacterium (UB*)[26]



paired p-value: 0.12467

fdr-adjusted p-value: 0.45902

species: g__Shuttleworthia (UB*)[6]

TIMEPOINT

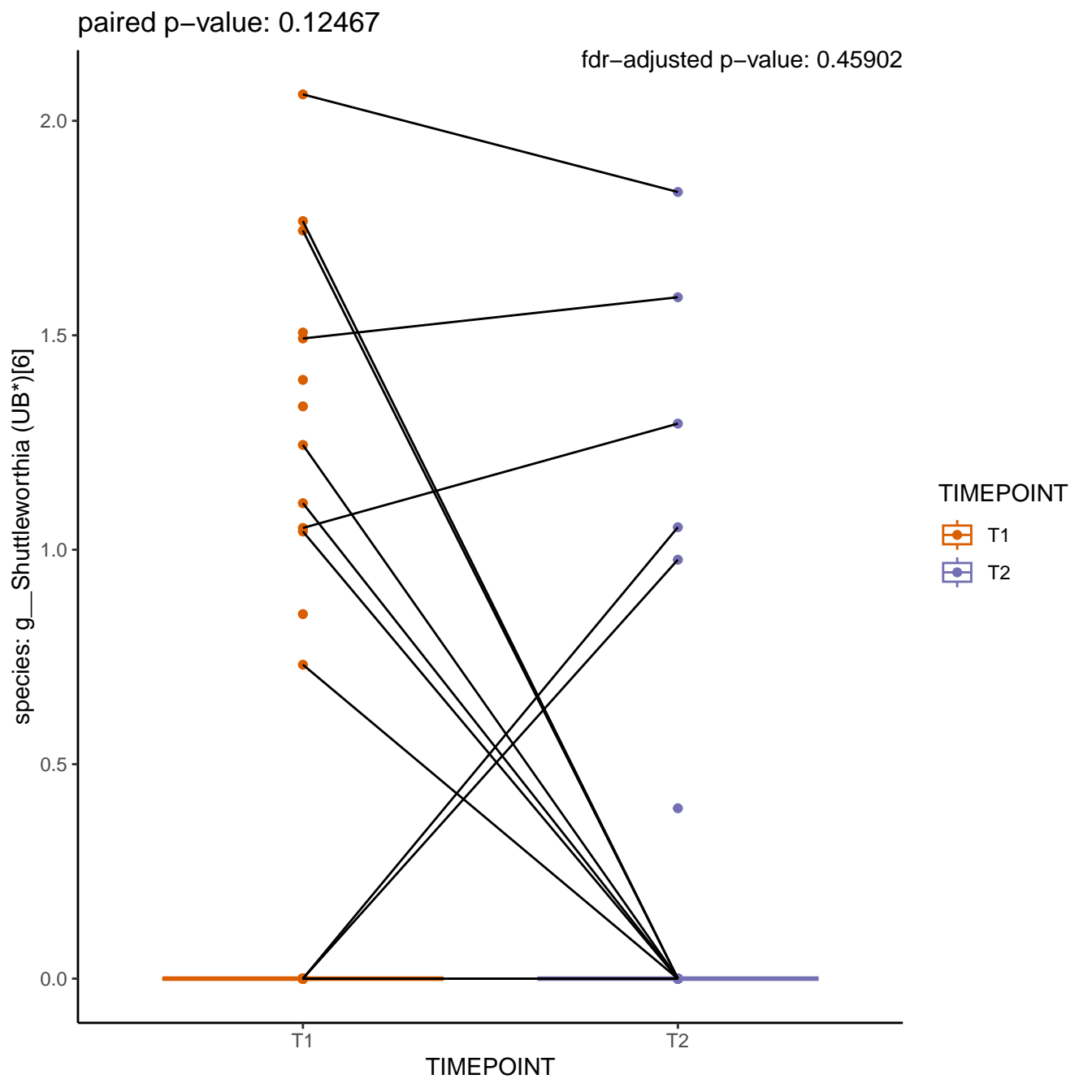
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.13004

fdr-adjusted p-value: 0.46815

species: Streptococcus.[89]

TIMEPOINT

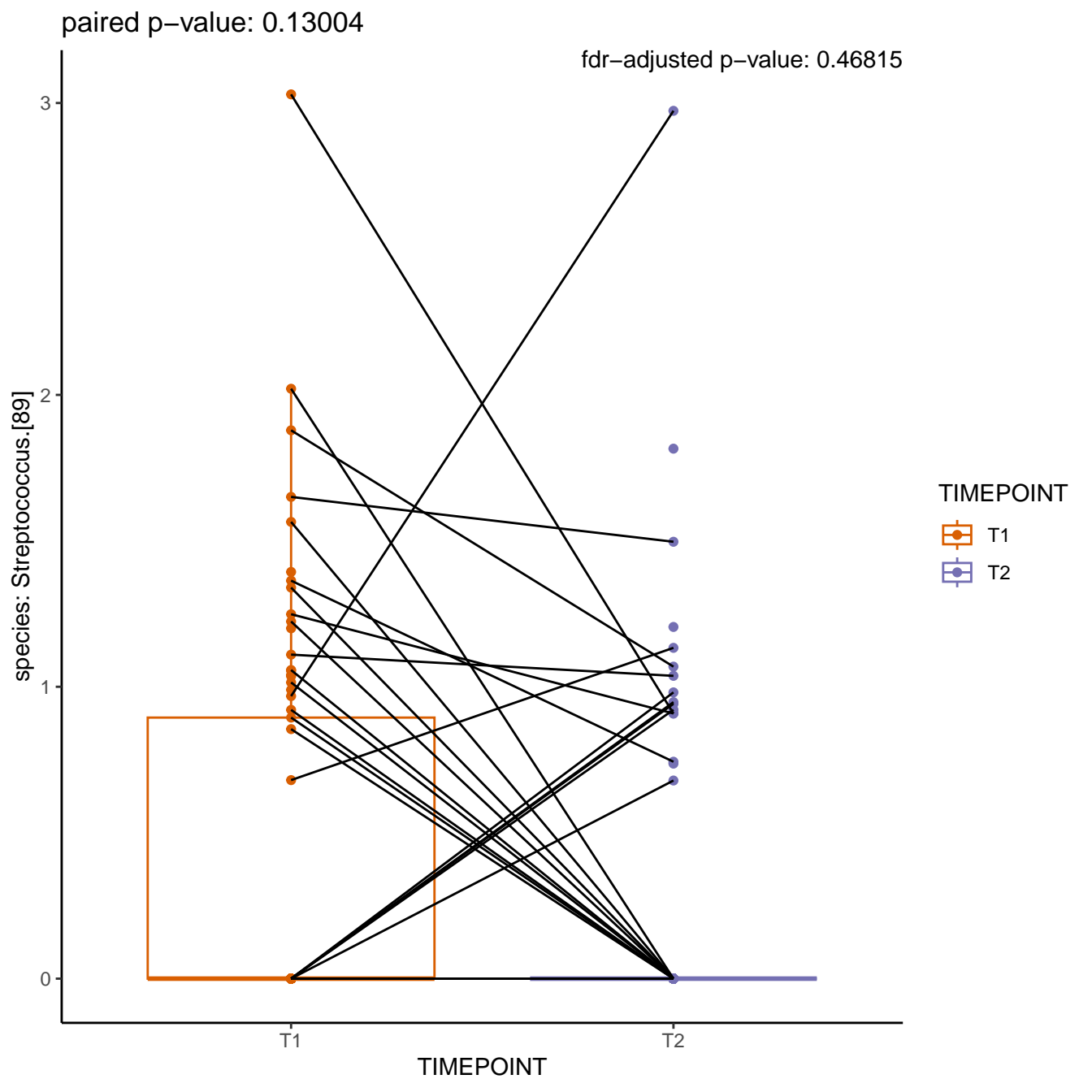
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.13358

fdr-adjusted p-value: 0.47017

species: g__Intestinibacter (UB*)[161]

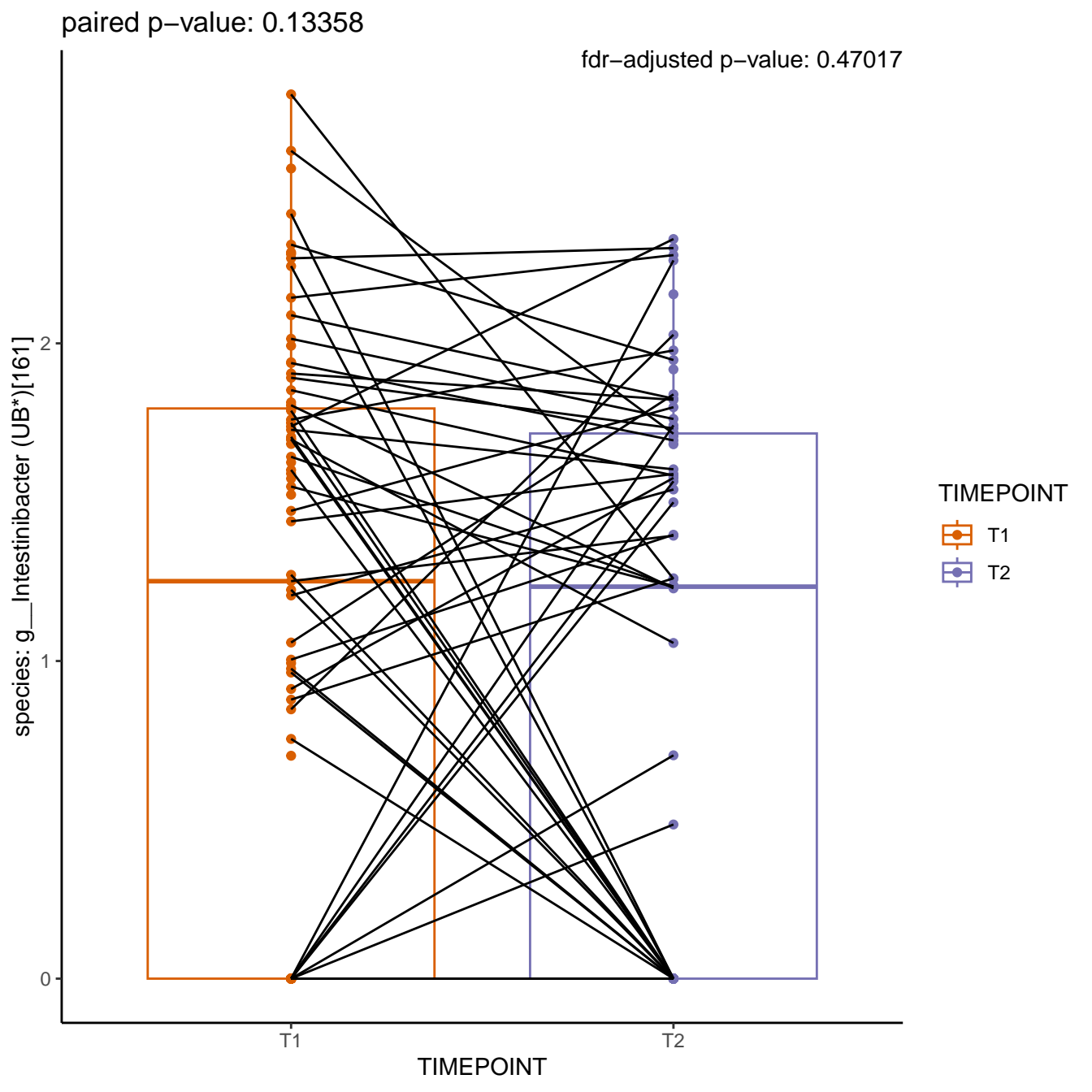
TIMEPOINT

T1

T2

species: g__Intestinibacter (UB*)[161]

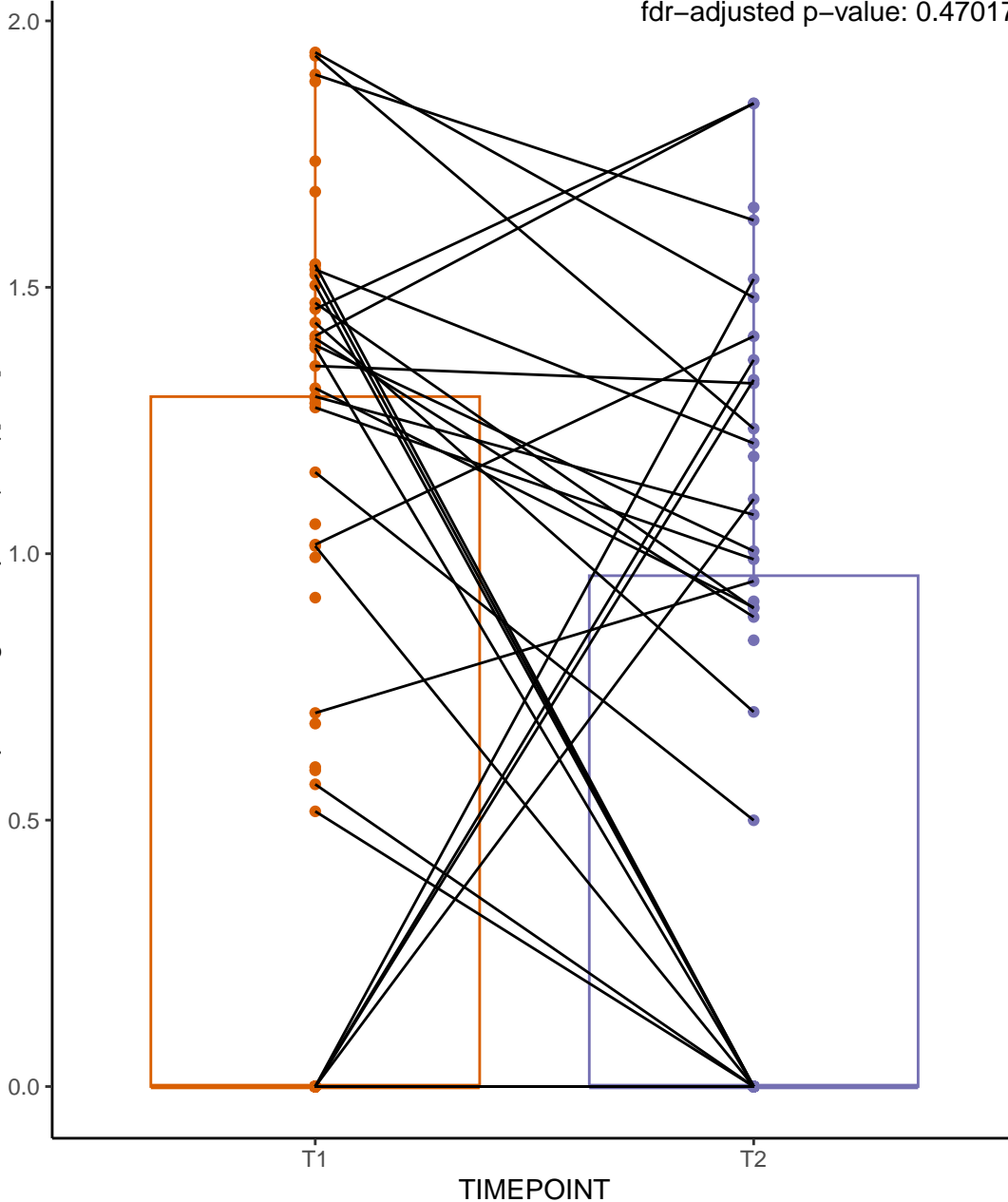
TIMEPOINT



paired p-value: 0.13641

fdr-adjusted p-value: 0.47017

species: g__Bilophila (UB*)[135]



paired p-value: 0.15927

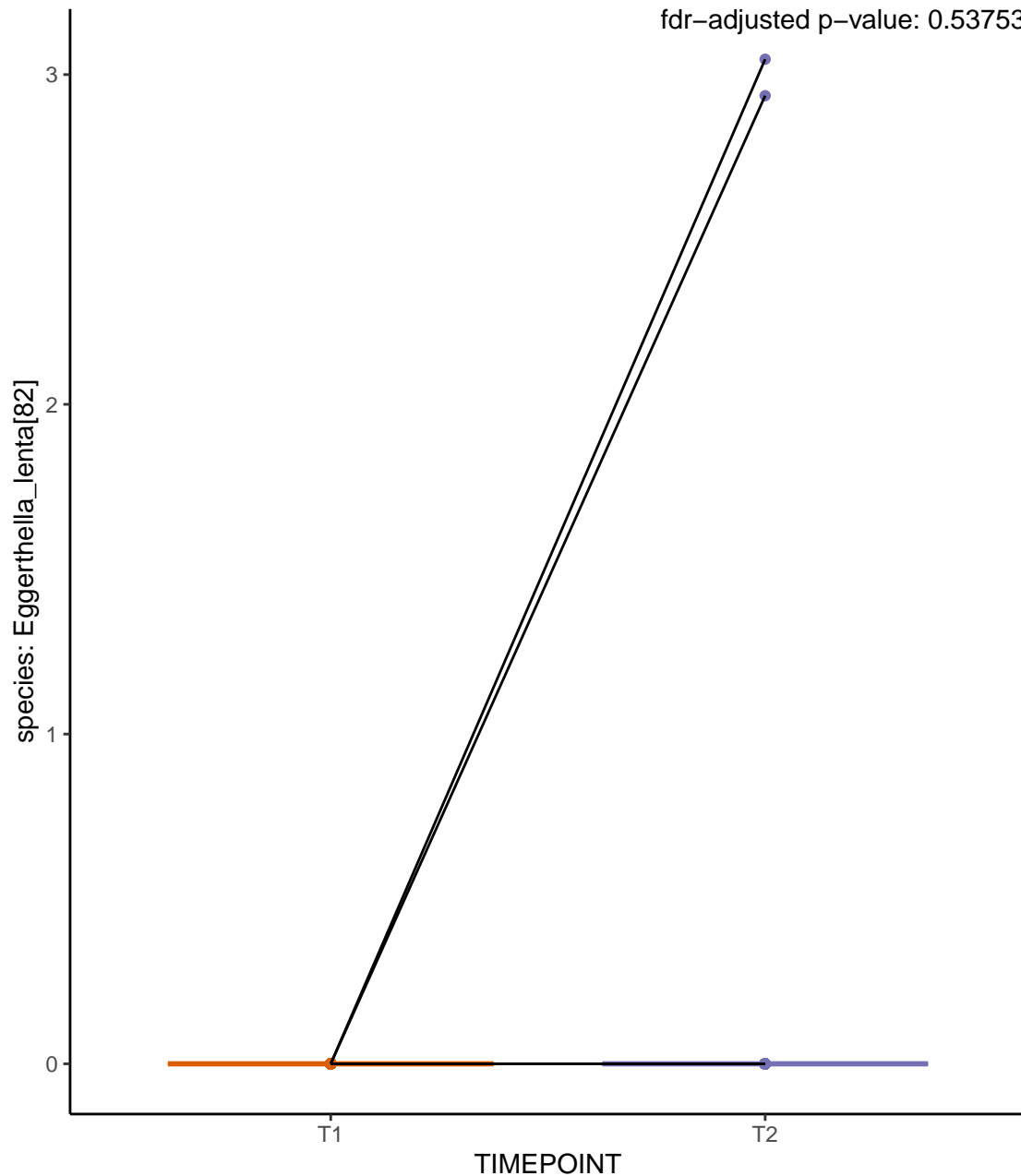
fdr-adjusted p-value: 0.53753

species: Eggerthella_lenta[82]

TIMEPOINT

T1

T2



paired p-value: 0.18157

fdr-adjusted p-value: 0.55738

species: uncultured_organism[151]

TIMEPOINT

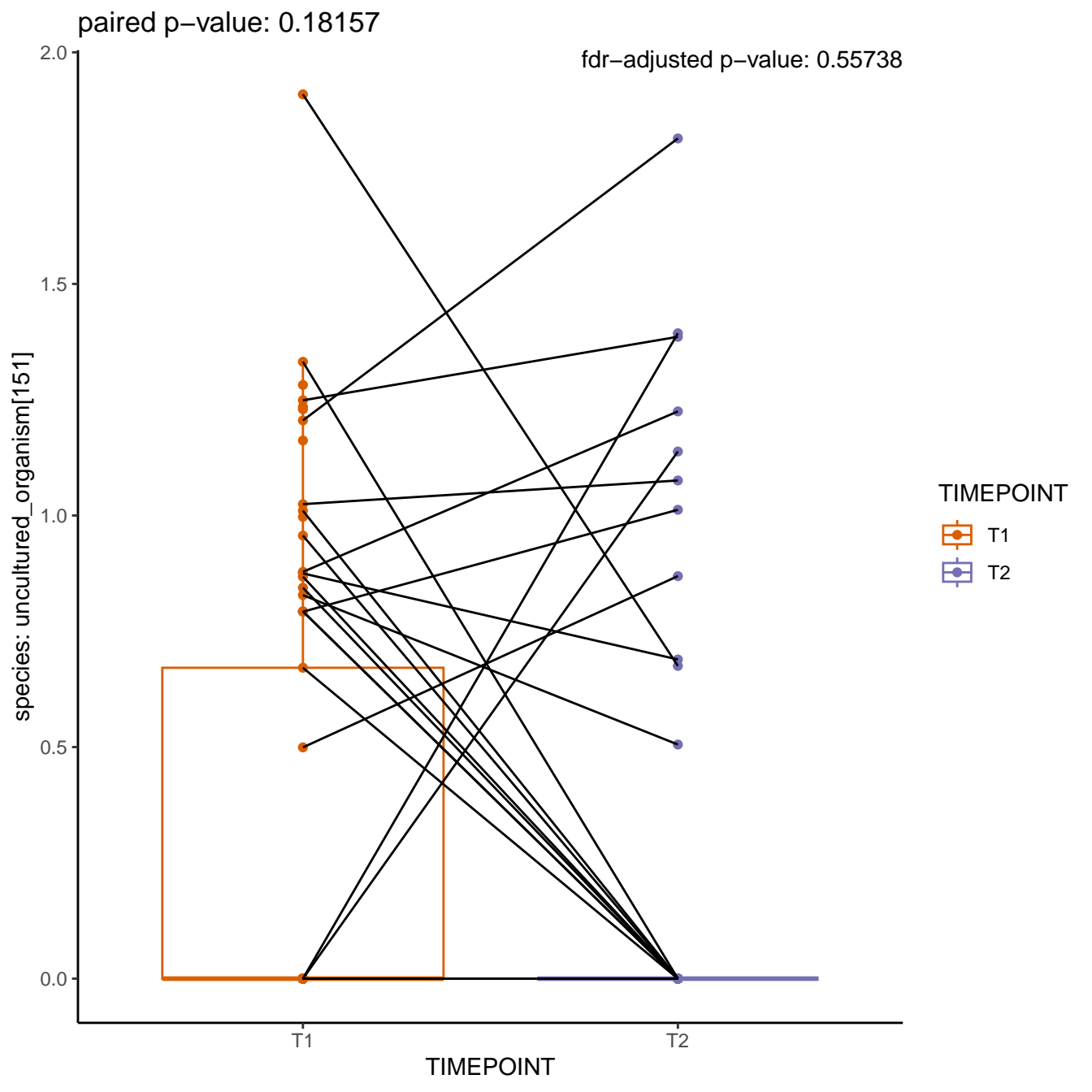
T1

T2

T1

T2

TIMEPOINT



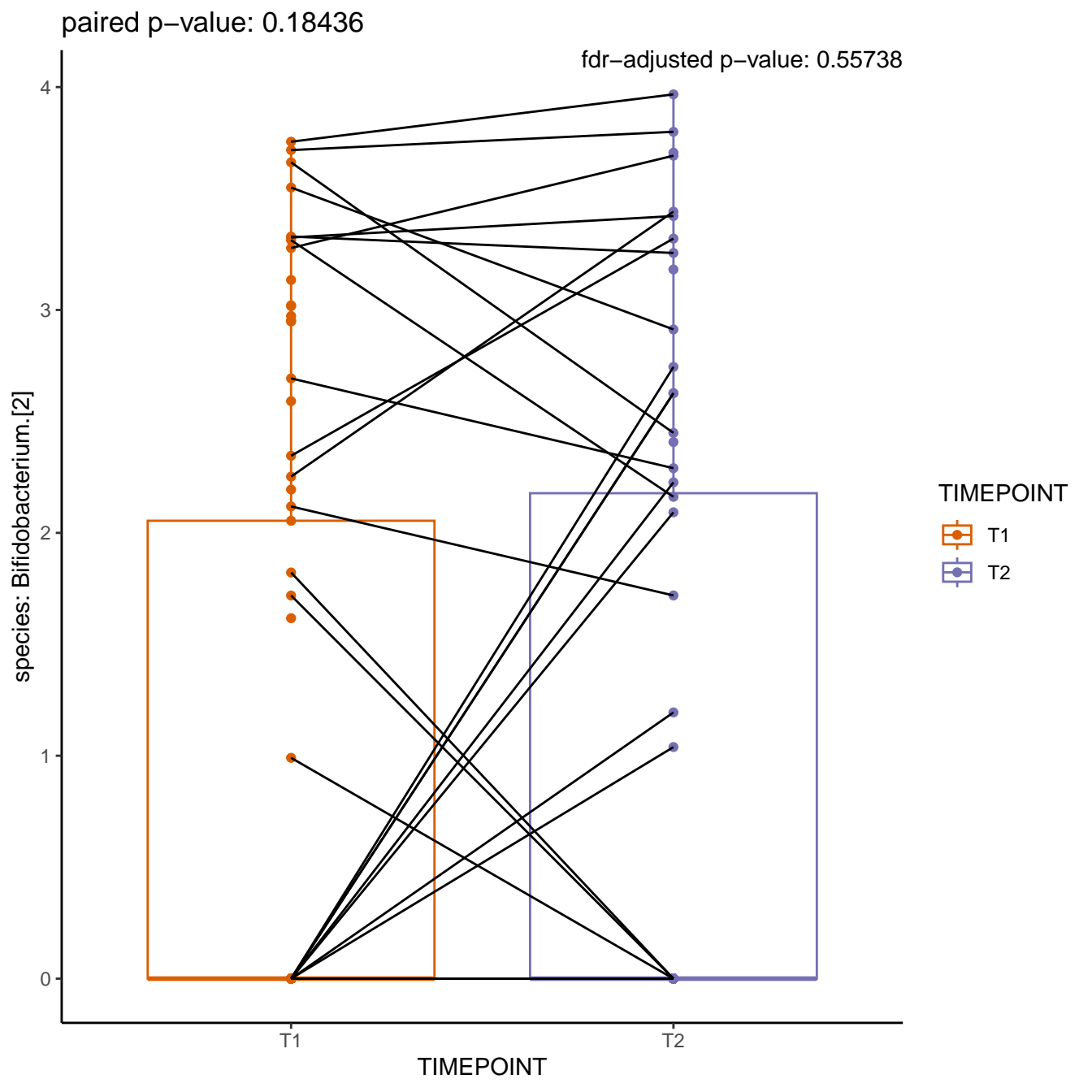
paired p-value: 0.18436

fdr-adjusted p-value: 0.55738

species: *Bifidobacterium*. [2]

TIMEPOINT

T1
T2



paired p-value: 0.18557

fdr-adjusted p-value: 0.55738

species: Clostridium_sensu_stricto_2.[66]

TIMEPOINT

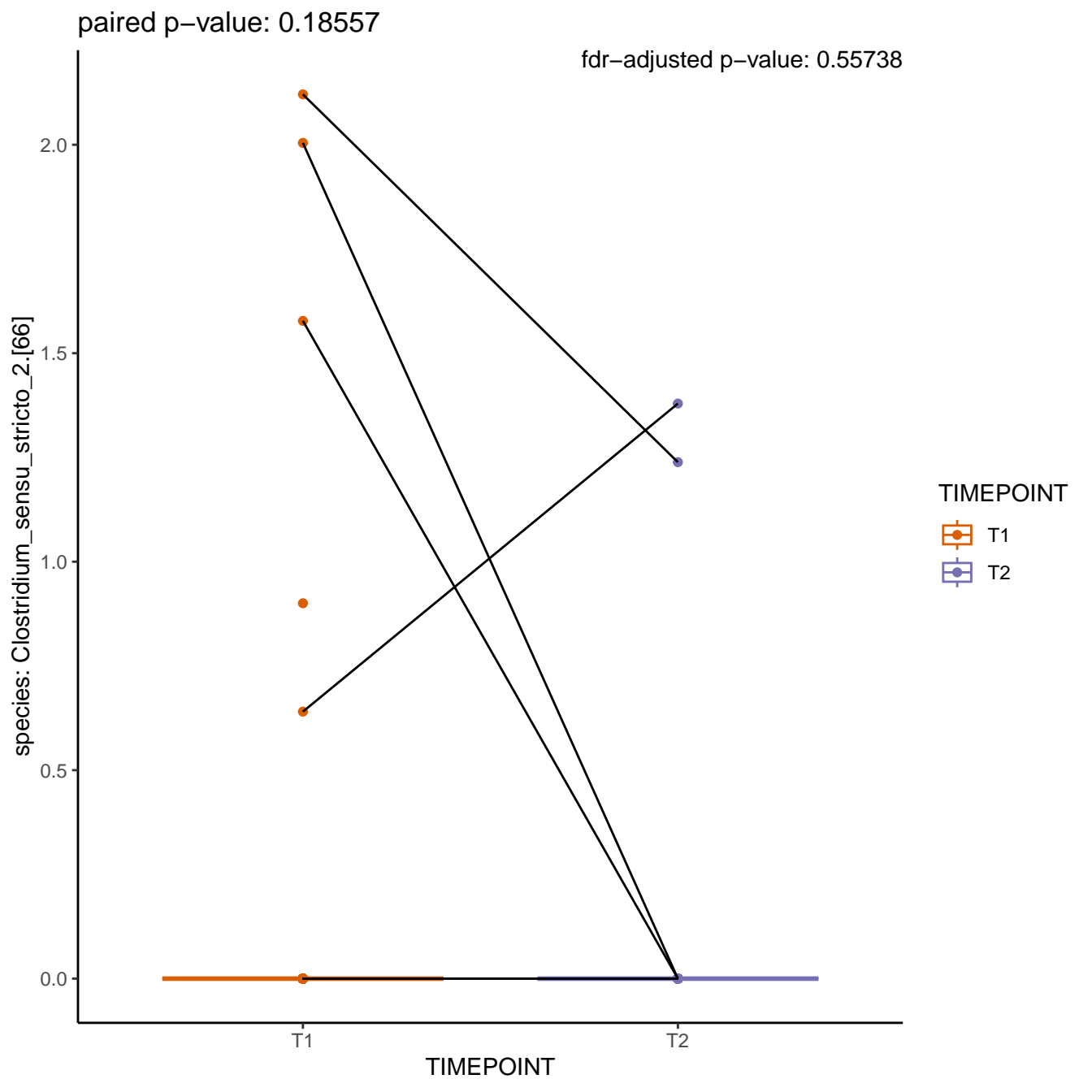
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.18627

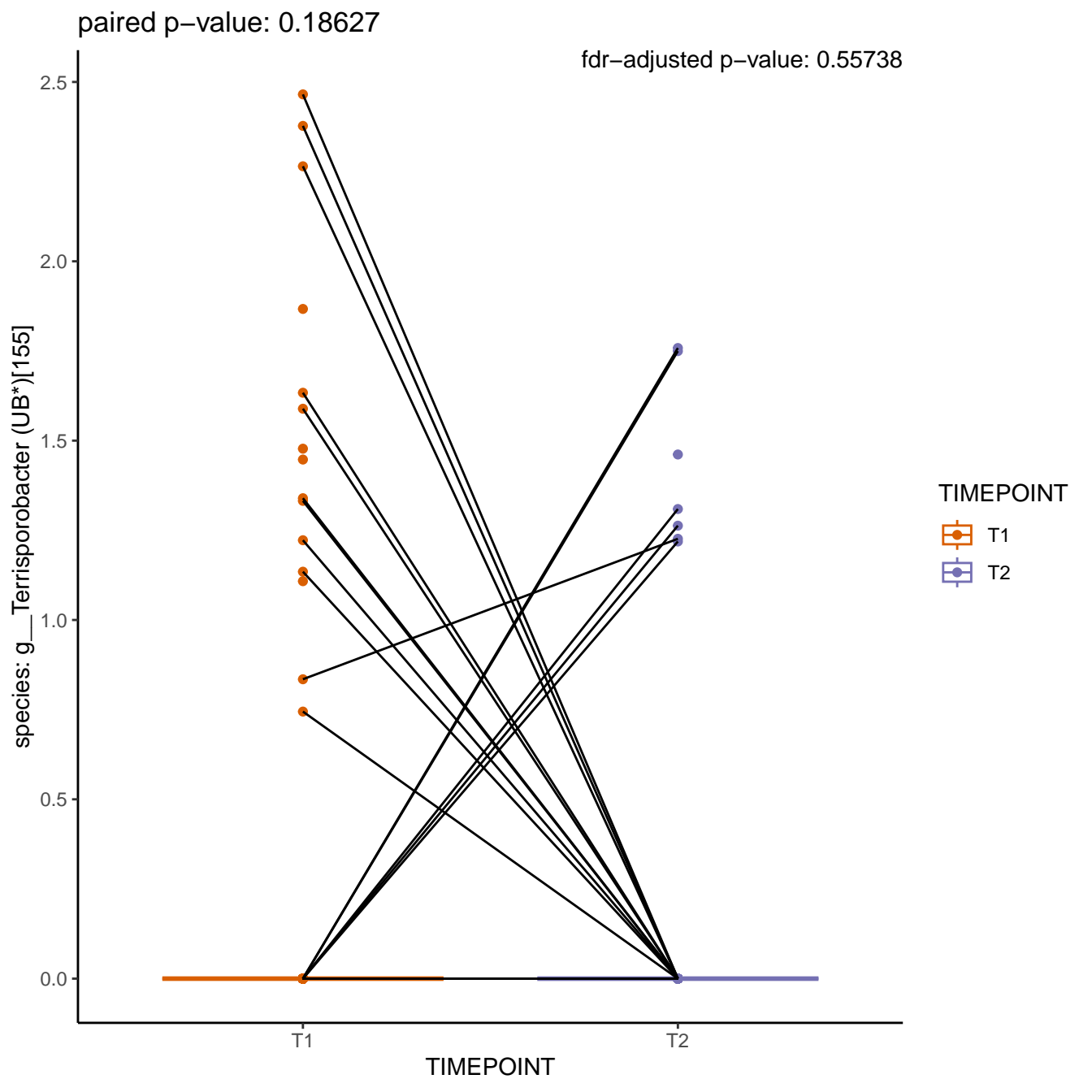
fdr-adjusted p-value: 0.55738

species: g__Terrisporobacter (UB*)[155]

TIMEPOINT

T1

T2



paired p-value: 0.18736

fdr-adjusted p-value: 0.55738

species: DTU089.[120]

TIMEPOINT

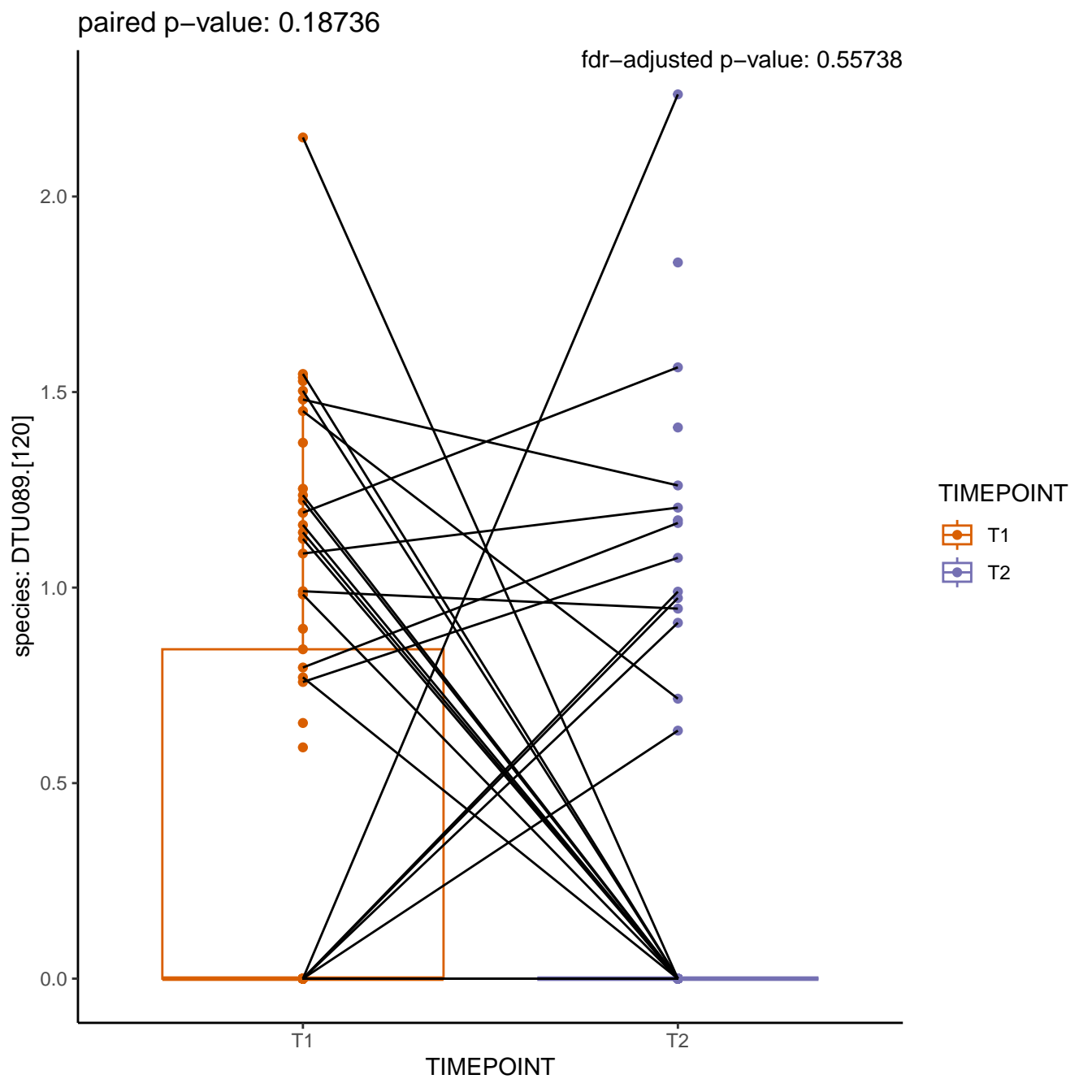
T1

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T2

TIMEPOINT



paired p-value: 0.19434

fdr-adjusted p-value: 0.55738

species: Eggerthellaceae.[122]

TIMEPOINT

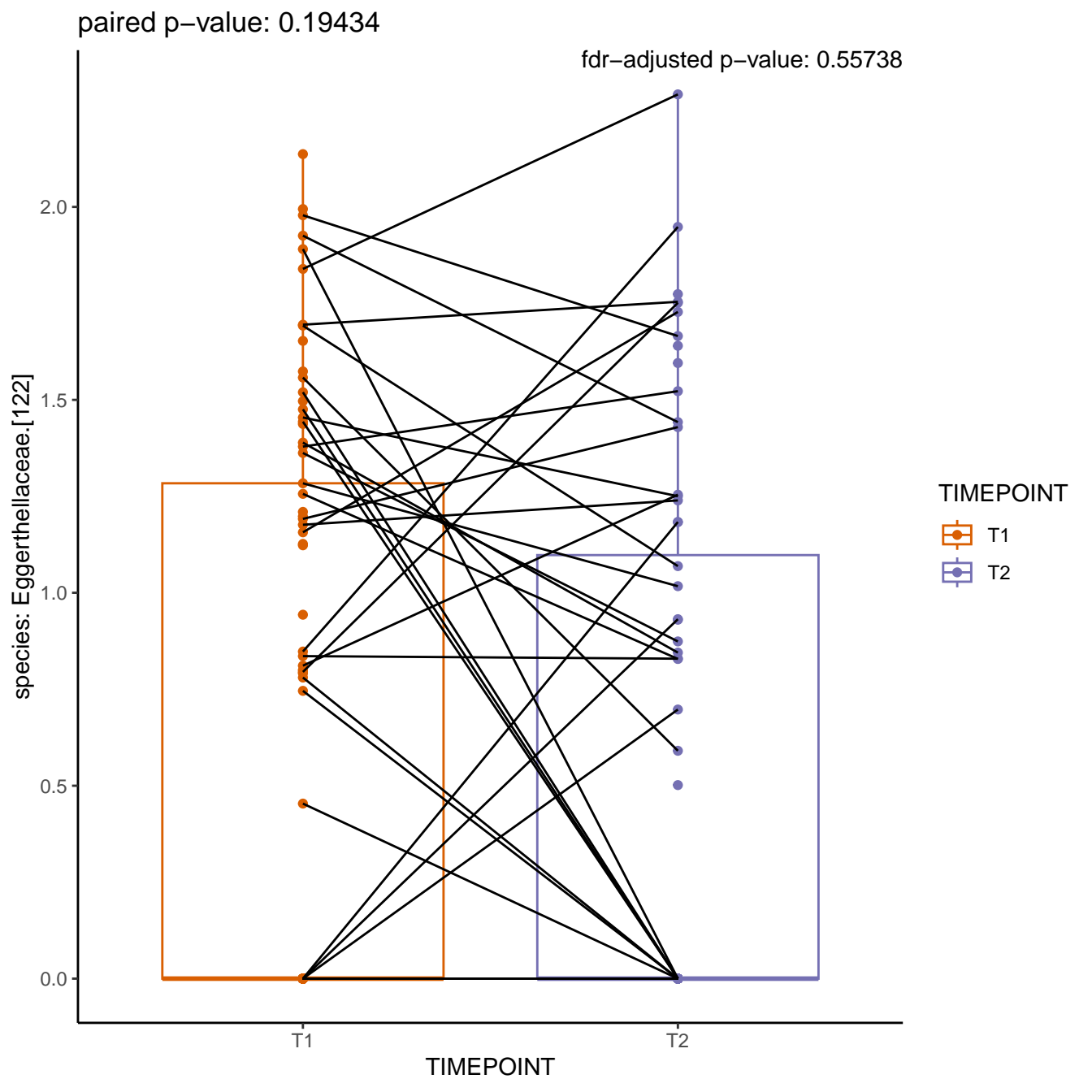
T1

T2

T1

T2

TIMEPOINT



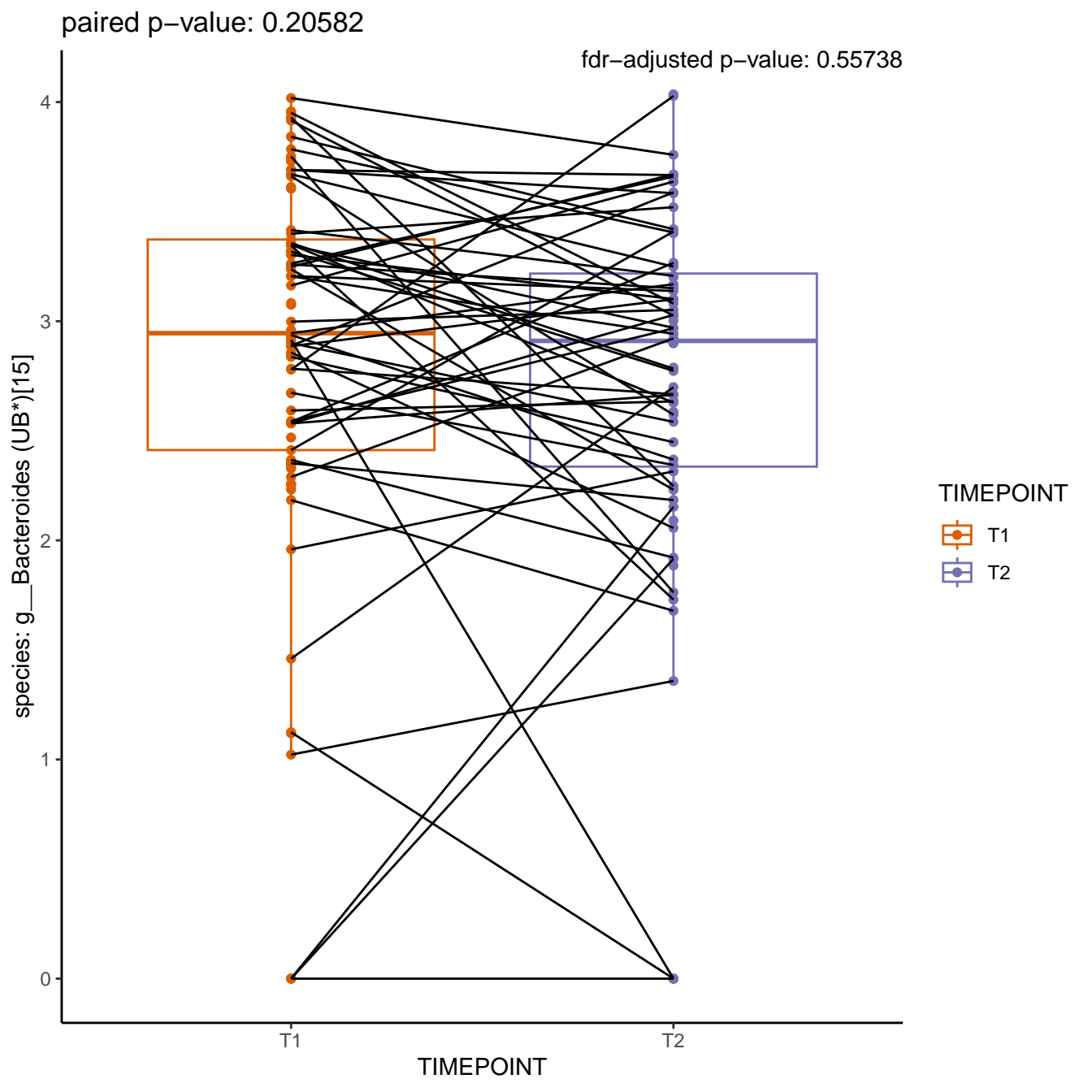
paired p-value: 0.20582

fdr-adjusted p-value: 0.55738

species: g__Bacteroides (UB*)[15]

TIMEPOINT

T1
T2



paired p-value: 0.20994

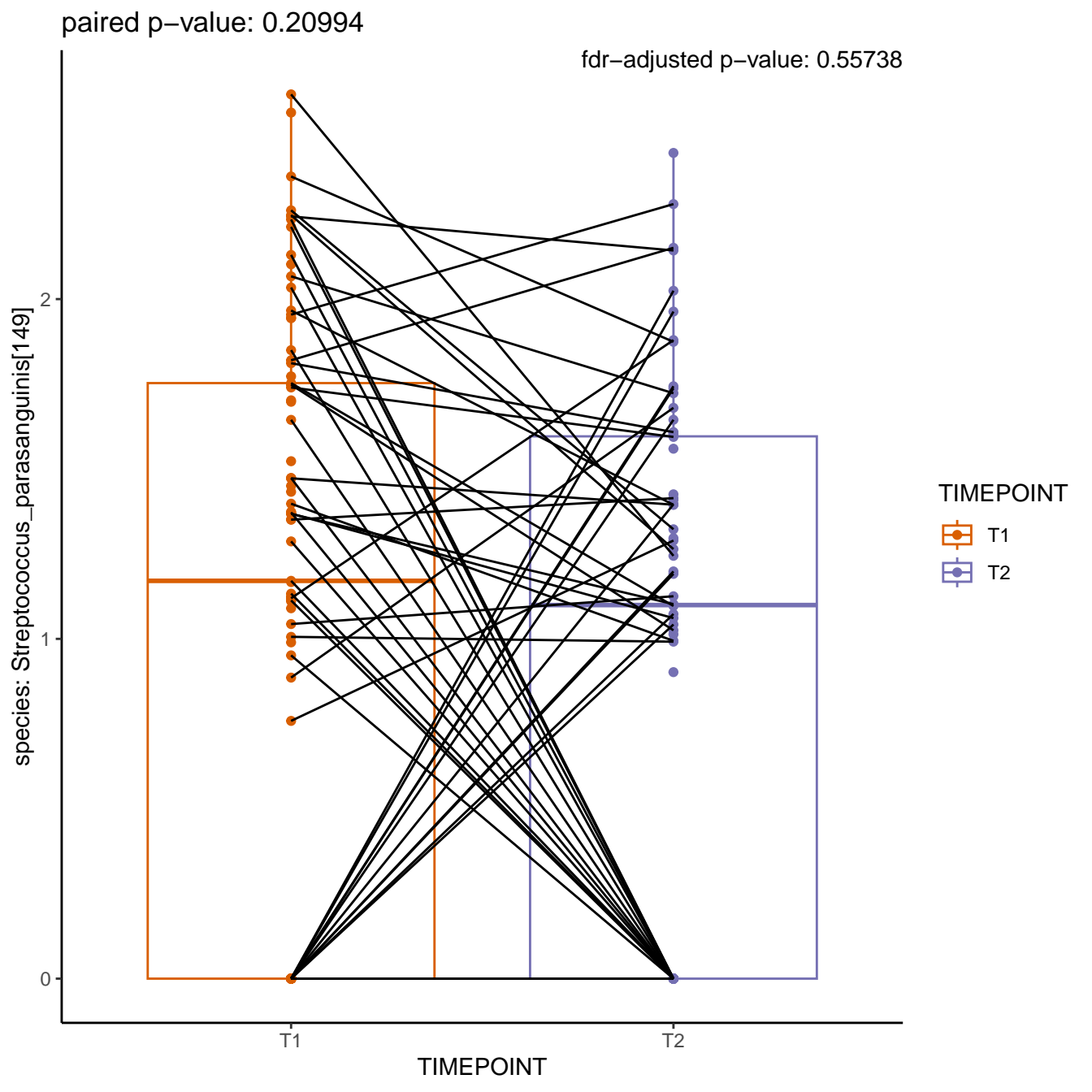
fdr-adjusted p-value: 0.55738

species: *Streptococcus parasanguinis*[149]

TIMEPOINT

T1

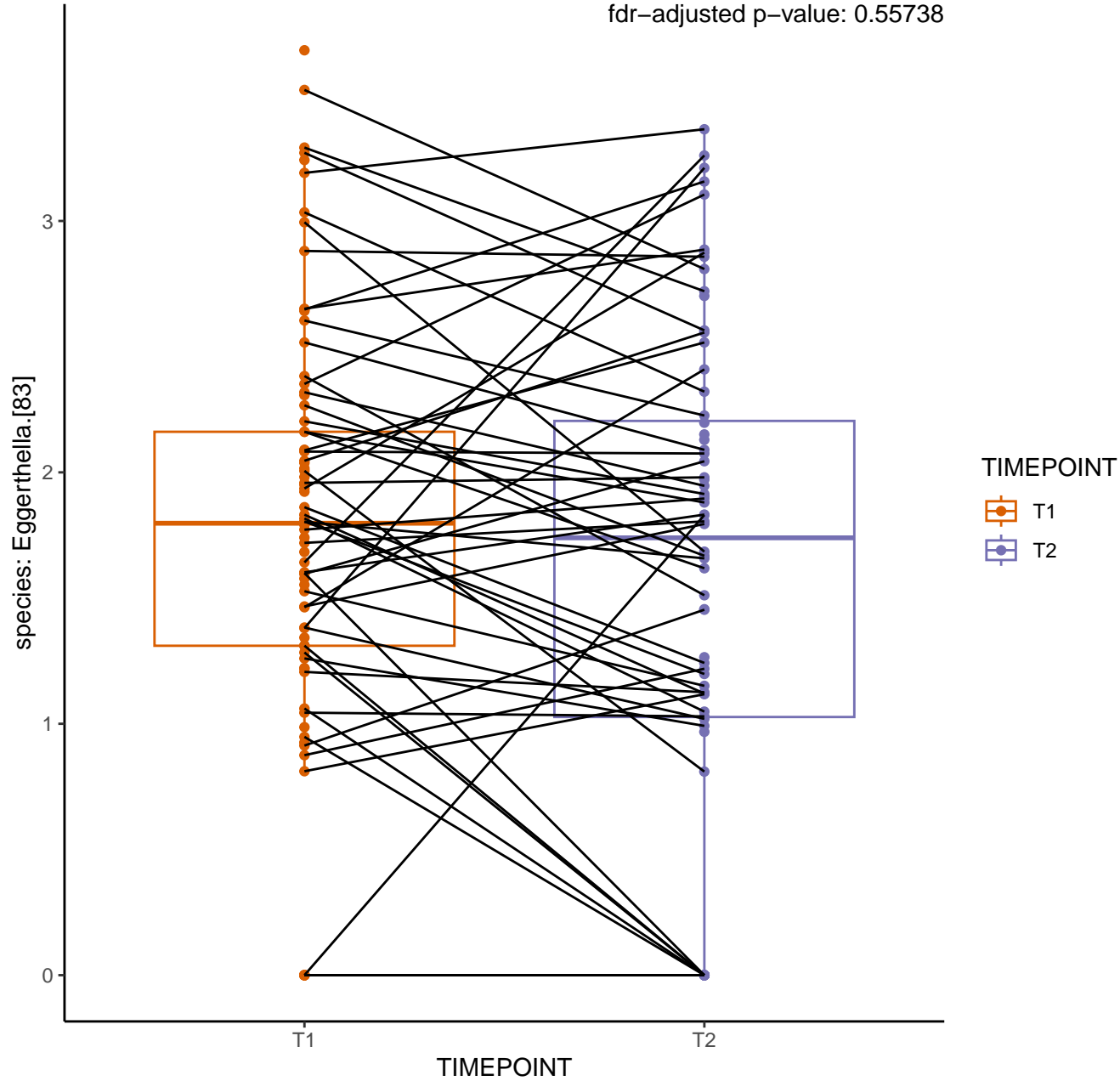
T2



paired p-value: 0.21117

fdr-adjusted p-value: 0.55738

species: Eggerthella.[83]



paired p-value: 0.21134

fdr-adjusted p-value: 0.55738

species: *Barnesiella*. [1]

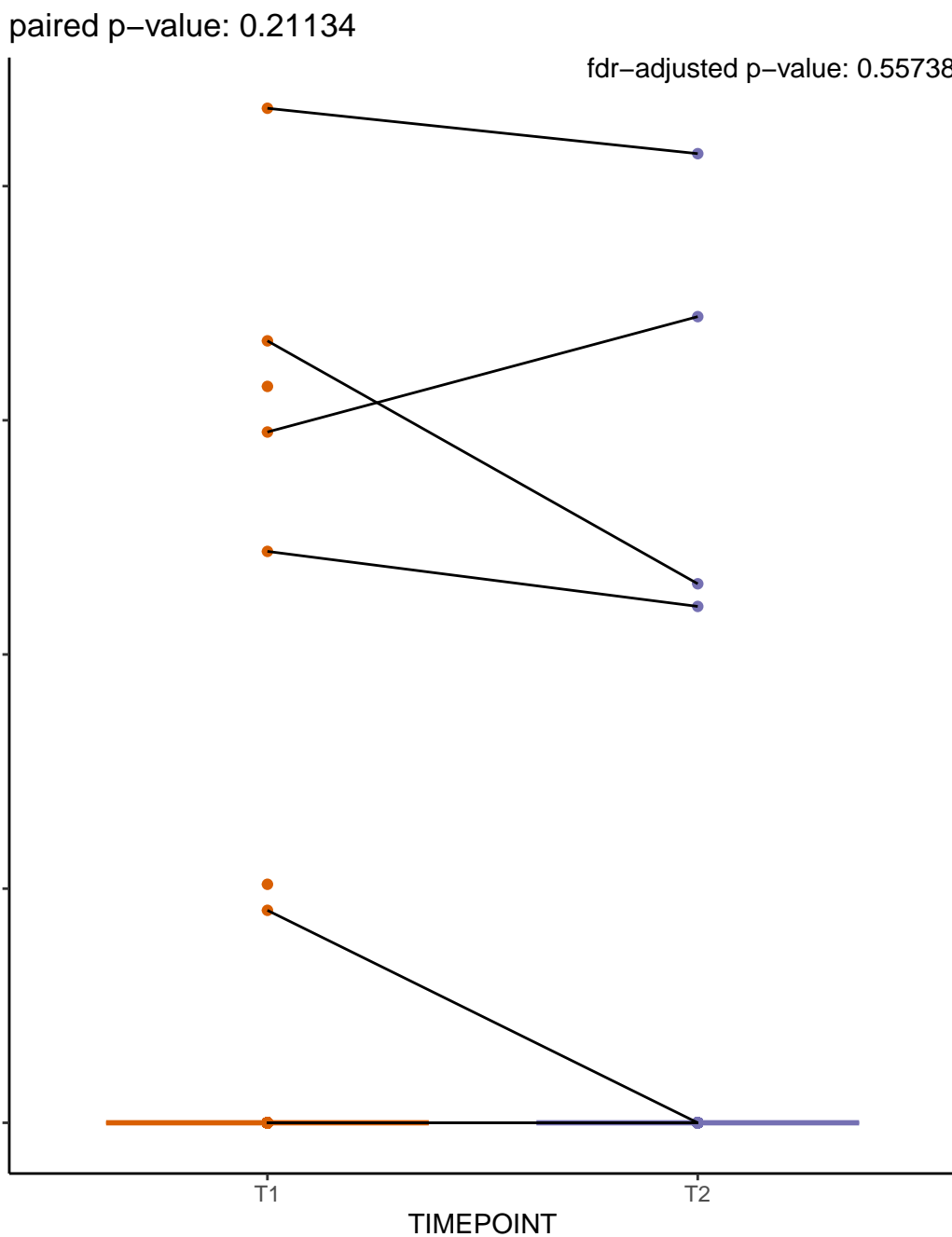
TIMEPOINT

T1
T2

T1

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TIMEPOINT



paired p-value: 0.21431

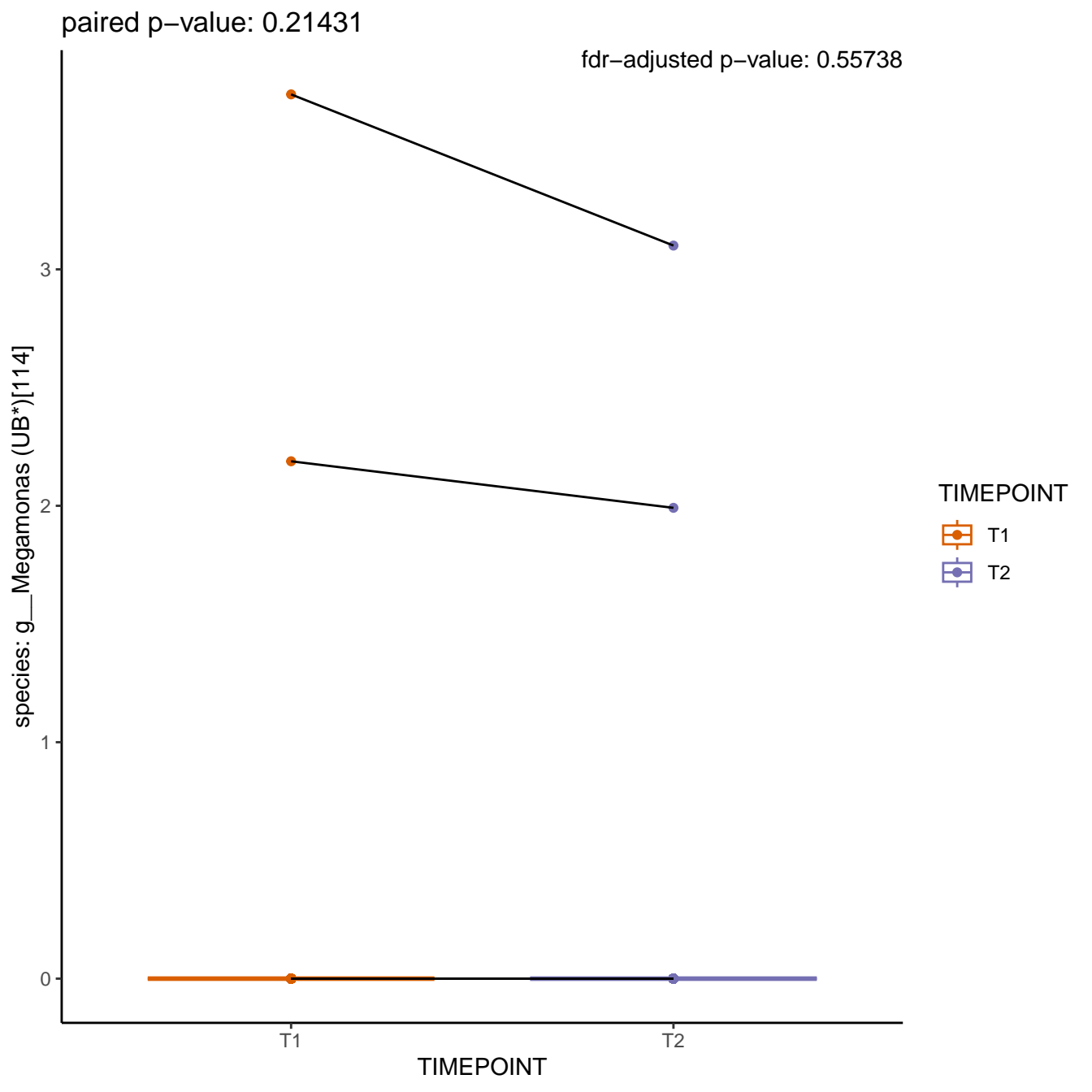
fdr-adjusted p-value: 0.55738

species: g__Megamonas (UB*)[114]

TIMEPOINT

T1

T2



paired p-value: 0.21503

fdr-adjusted p-value: 0.55738

species: g__Actinomyces (UB*)[138]

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0.0

T1

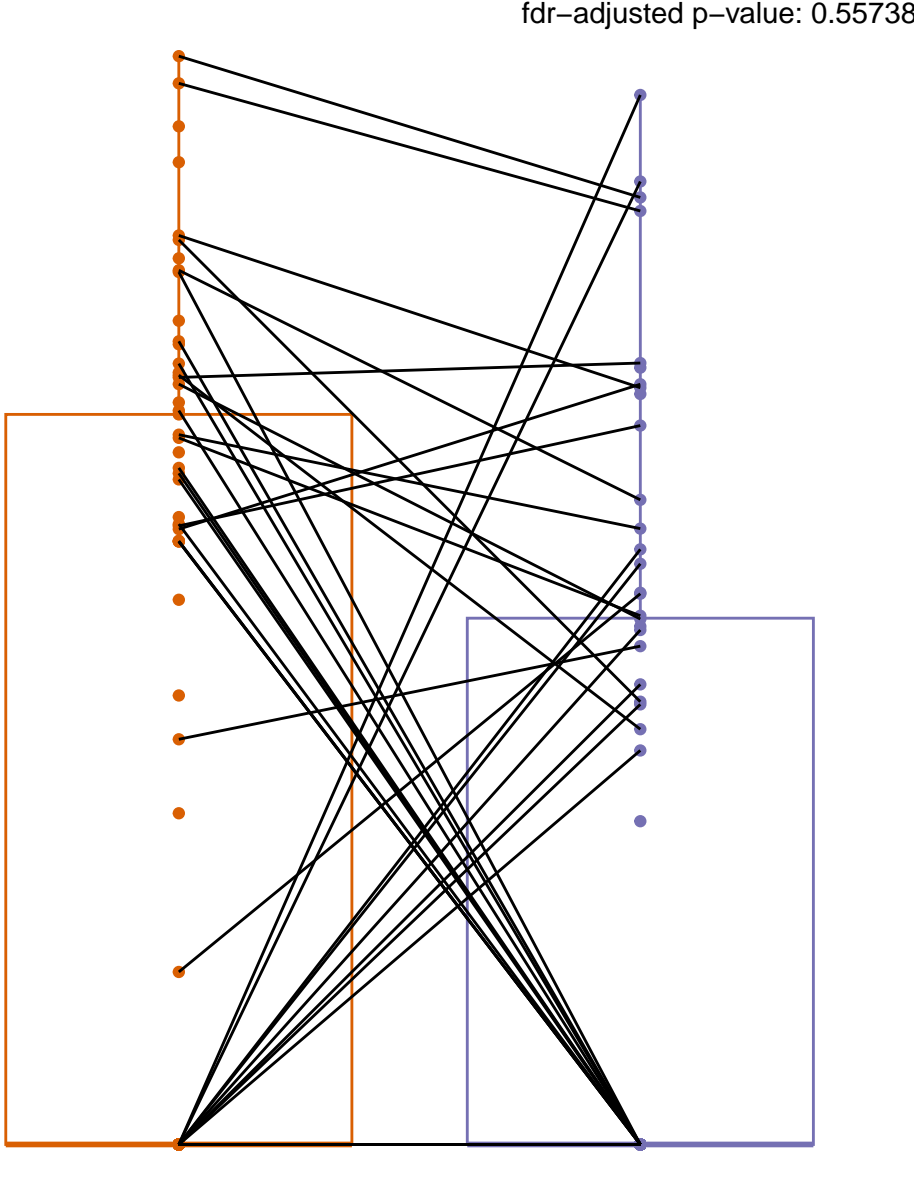
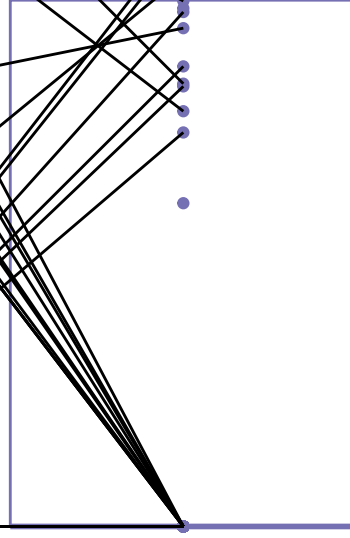
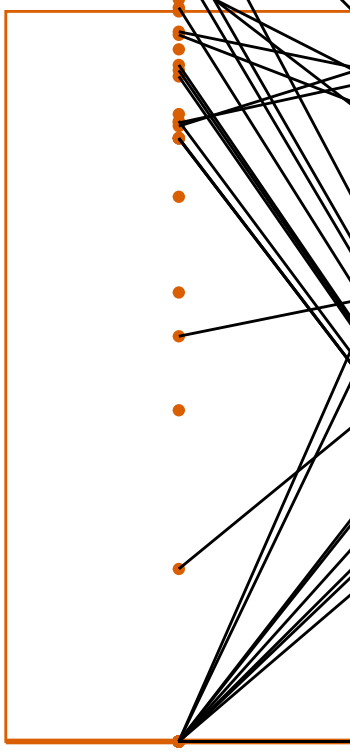
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.21982

fdr-adjusted p-value: 0.55738

species: g__Dialister (UB*)[12]

TIMEPOINT

T1

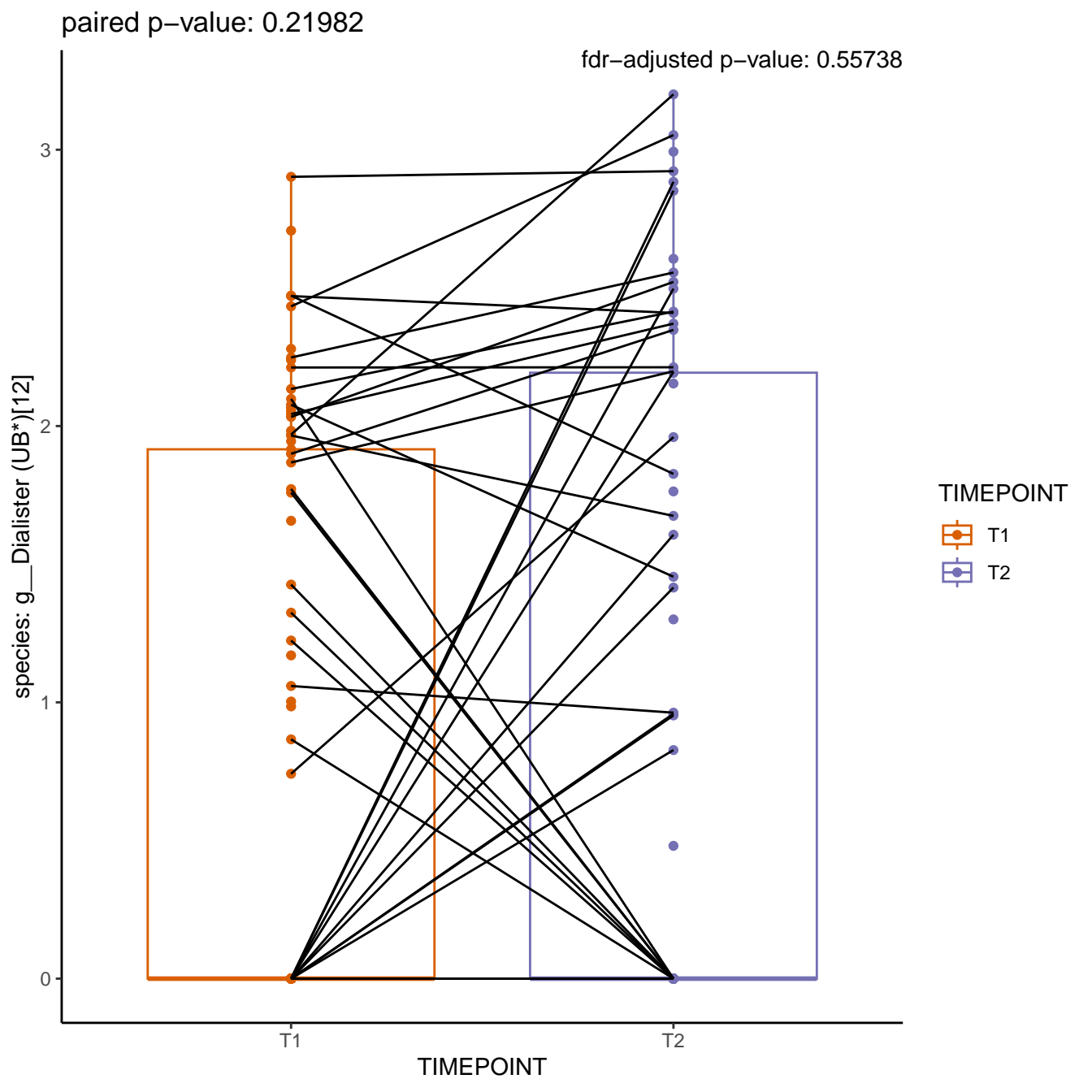
T2

species: g__Dialister (UB*)[12]

T1

T2

TIMEPOINT



paired p-value: 0.21983

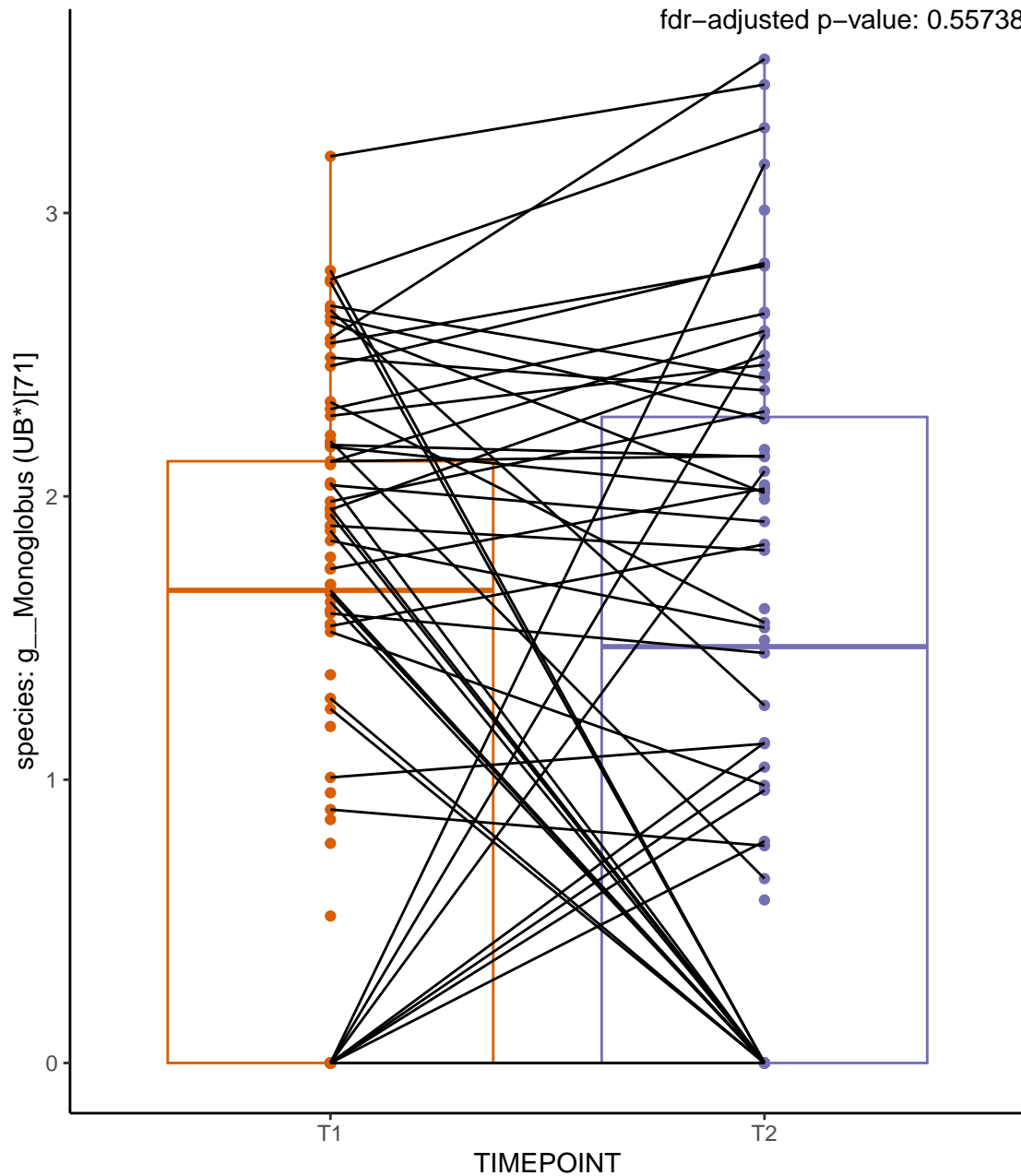
fdr-adjusted p-value: 0.55738

species: g__Monoglobus (UB*)[71]

TIMEPOINT

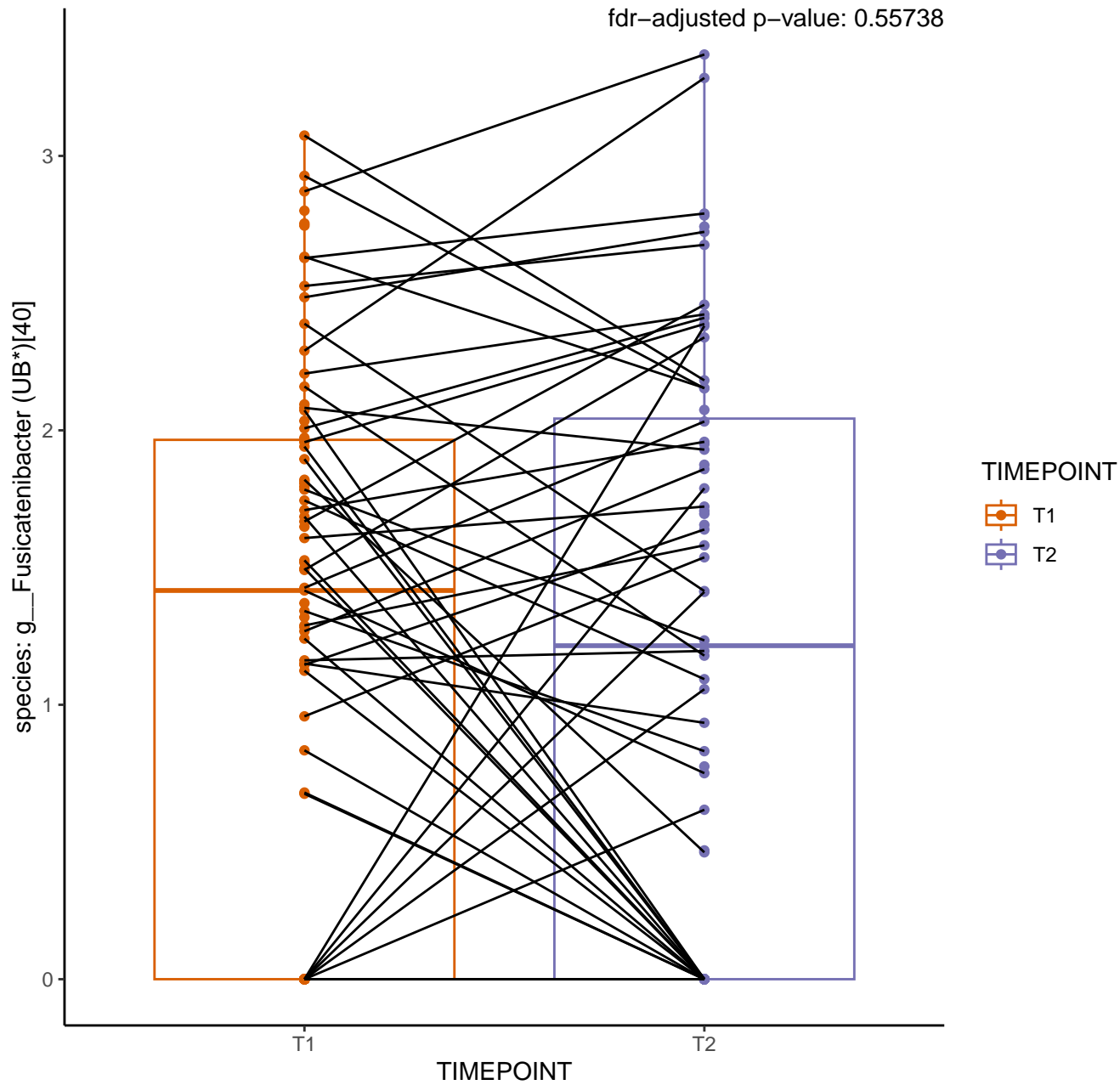
T1

T2



paired p-value: 0.22318

fdr-adjusted p-value: 0.55738



paired p-value: 0.22568

fdr-adjusted p-value: 0.55738

species: Enterococcus.[150]

TIMEPOINT

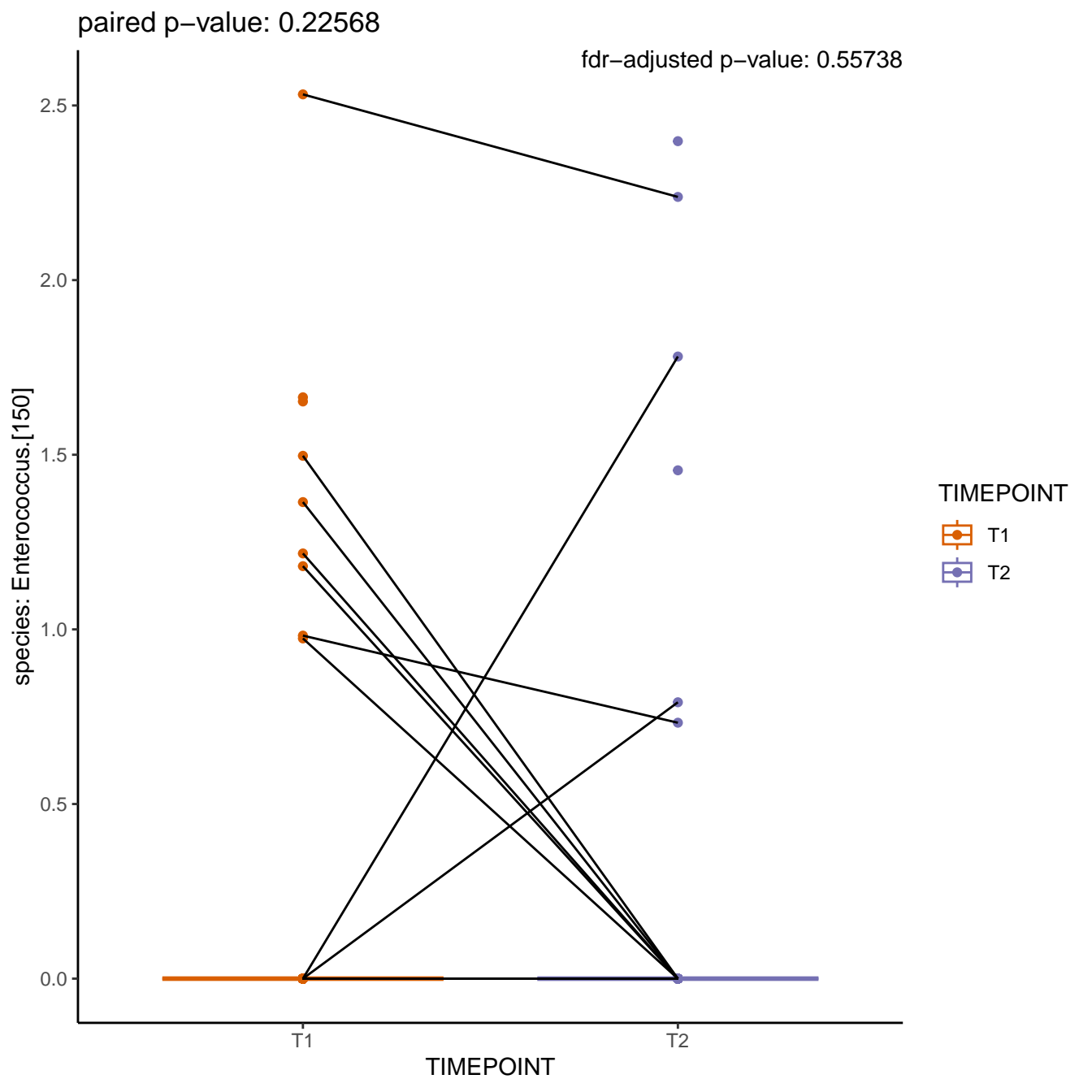
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.25254

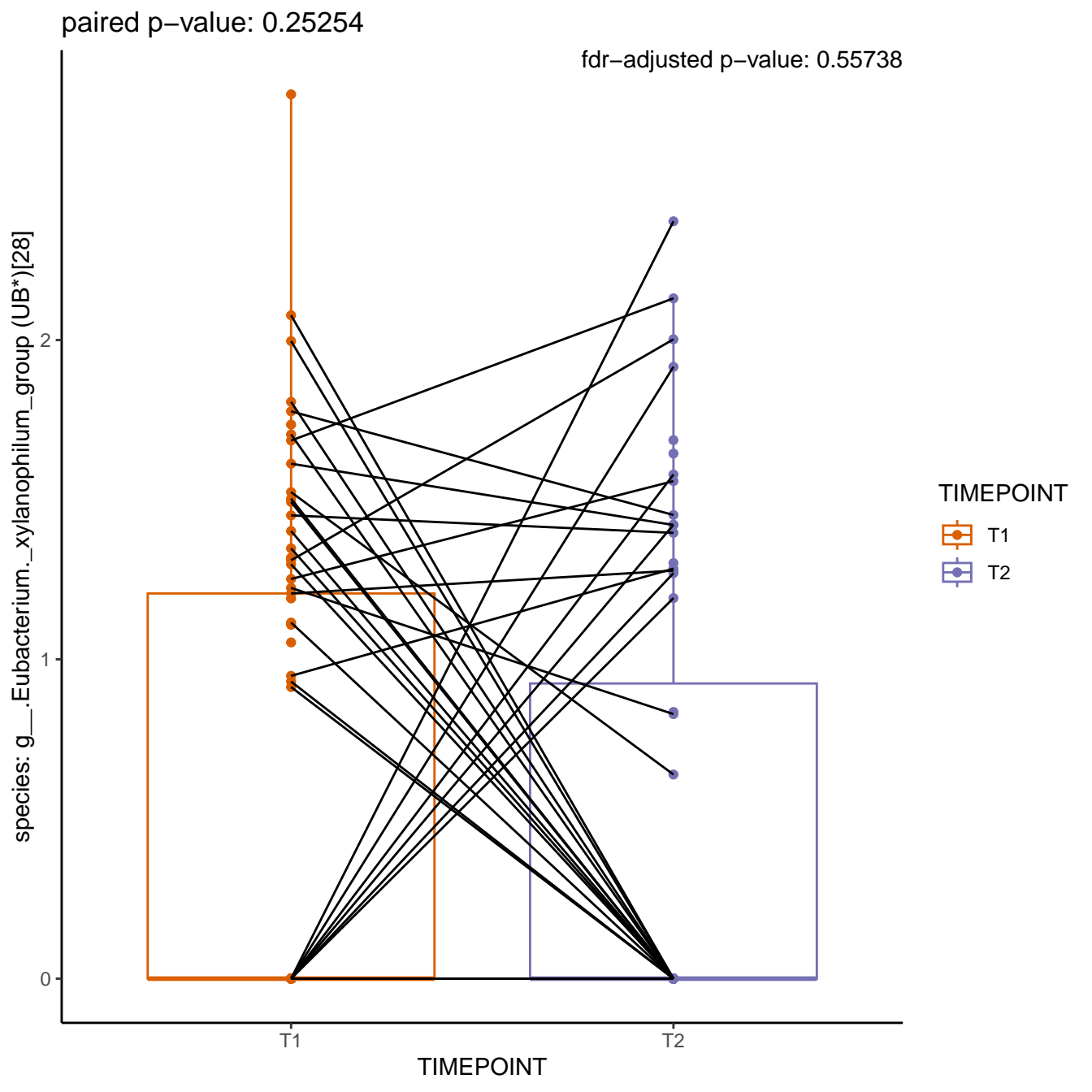
fdr-adjusted p-value: 0.55738

species: g__Eubacterium._xylanophilum_group (UB*)[28]

TIMEPOINT

T1

T2



paired p-value: 0.26809

fdr-adjusted p-value: 0.55738

species: g__Candidatus_Stoquefichus (UB*)[25]

TIMEPOINT

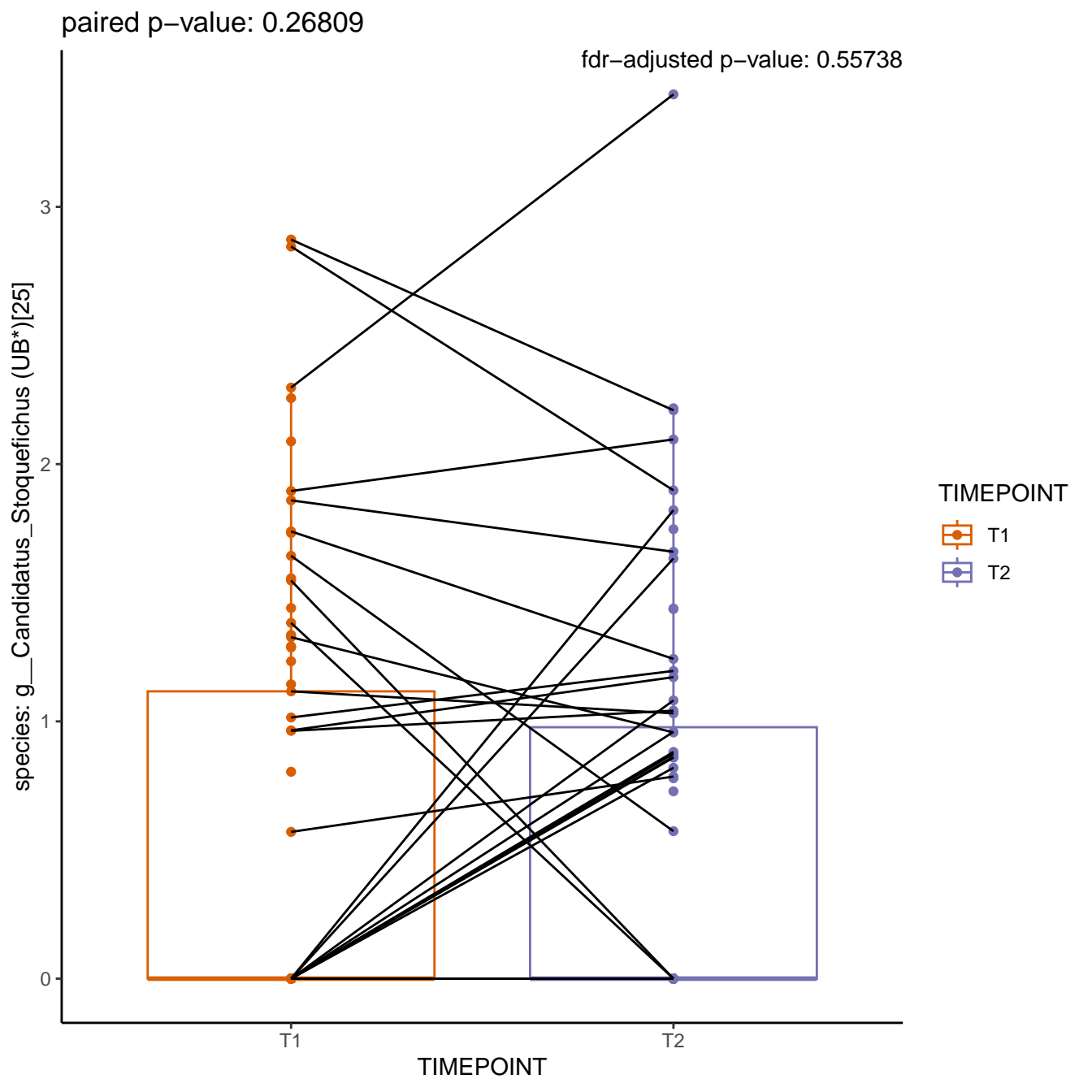
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.26944

fdr-adjusted p-value: 0.55738

species: g__Hungatella (UB*)[87]

TIMEPOINT

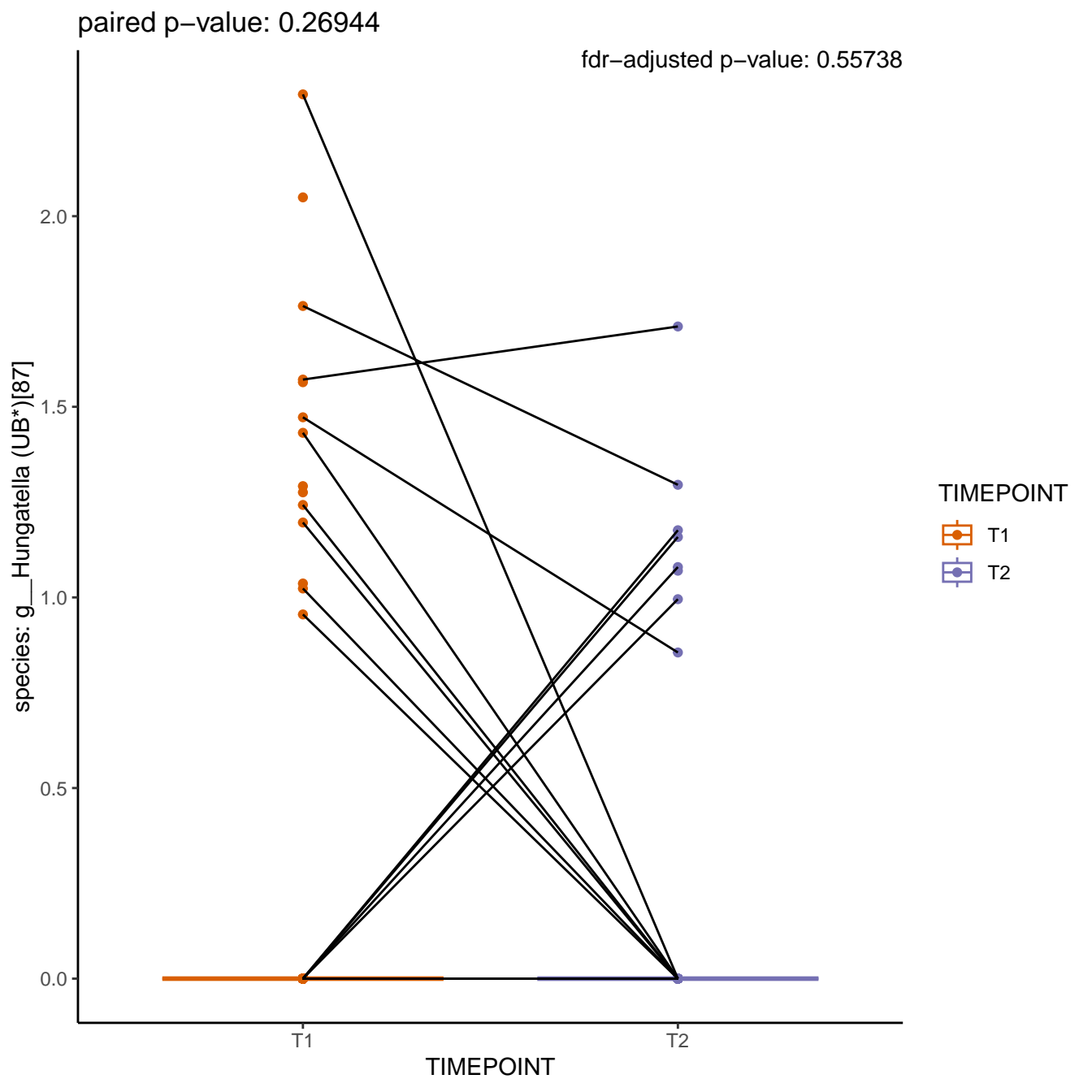
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.27177

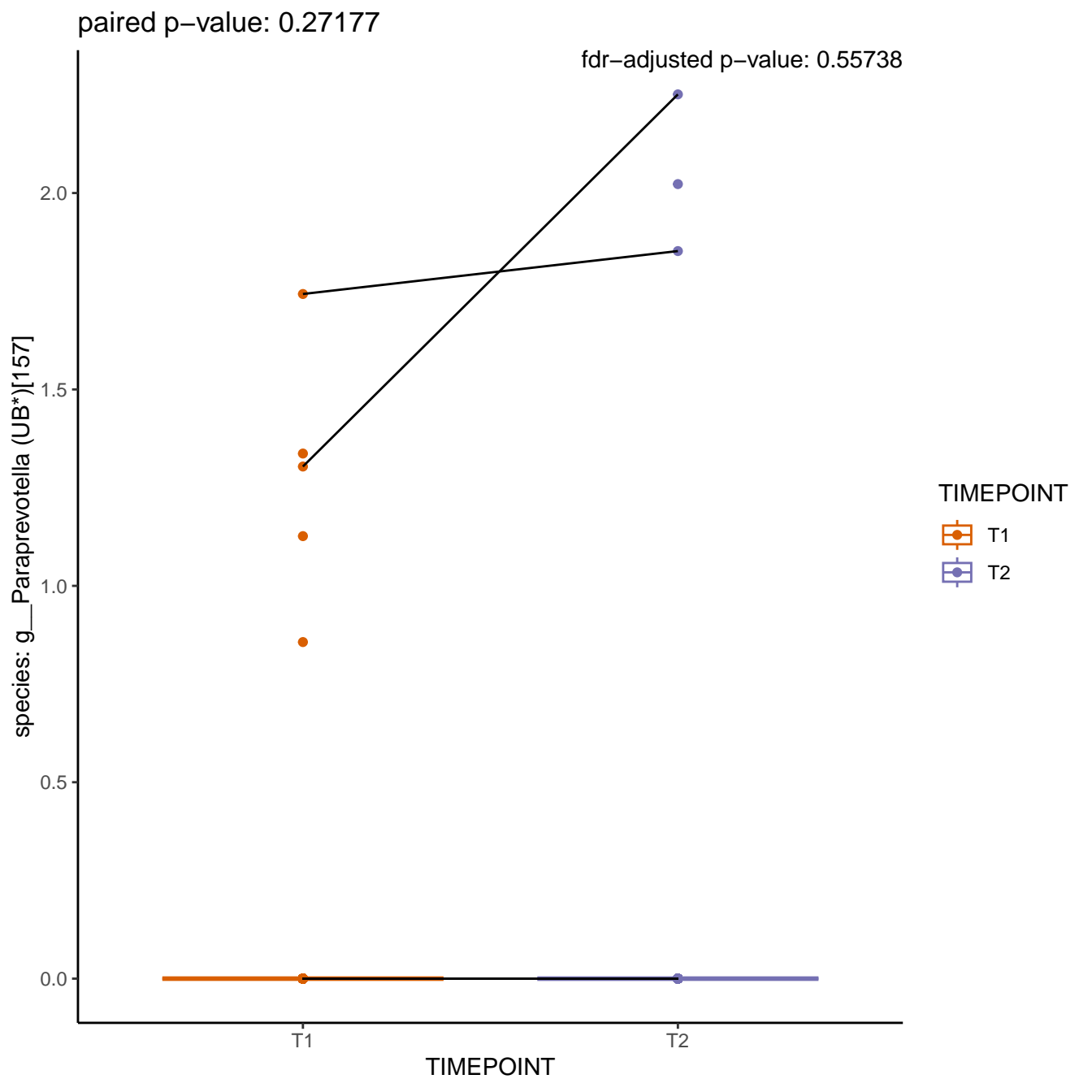
fdr-adjusted p-value: 0.55738

species: g__Paraprevotella (UB*)[157]

TIMEPOINT

T1

T2



paired p-value: 0.27695

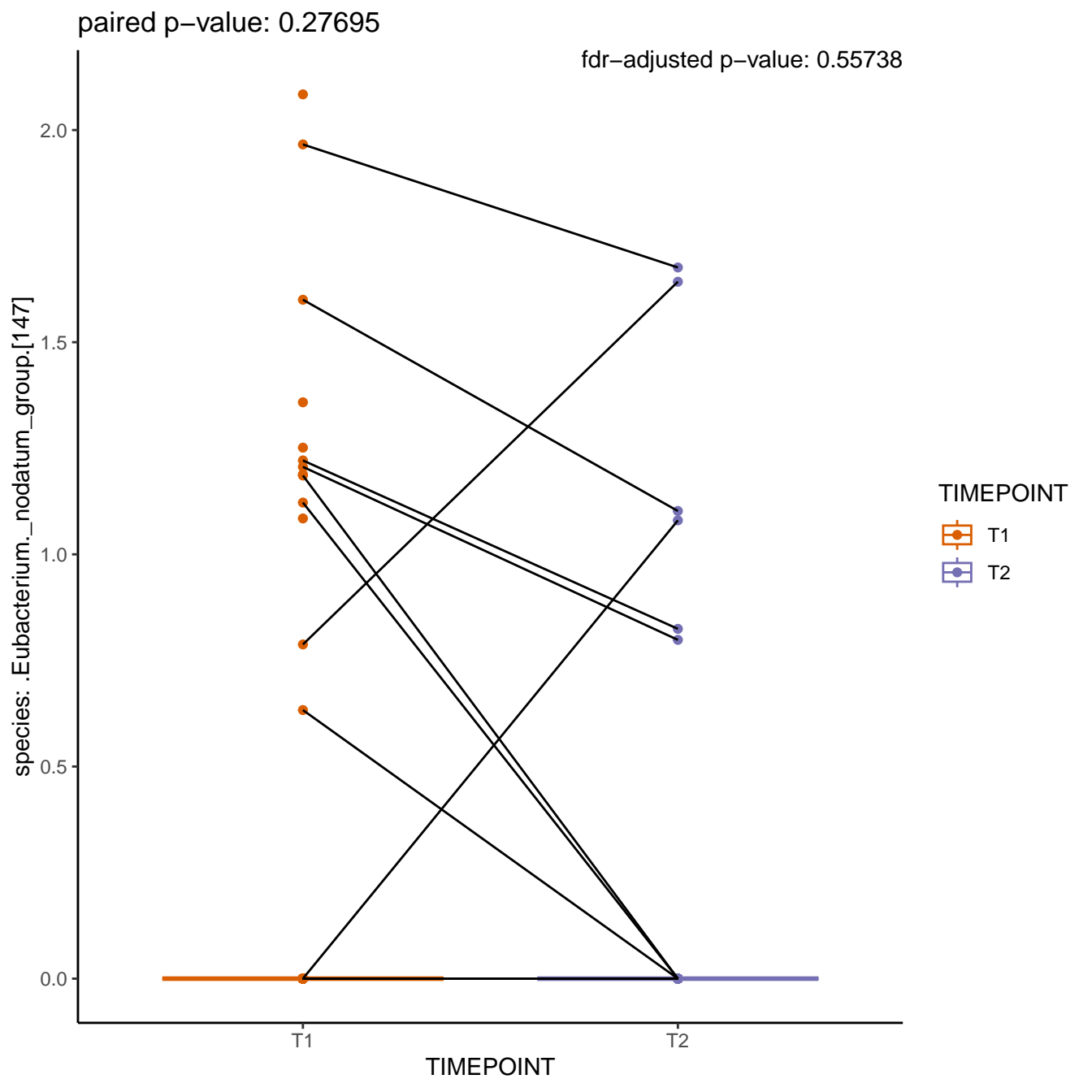
fdr-adjusted p-value: 0.55738

species: .Eubacterium._nodatum_group.[147]

TIMEPOINT

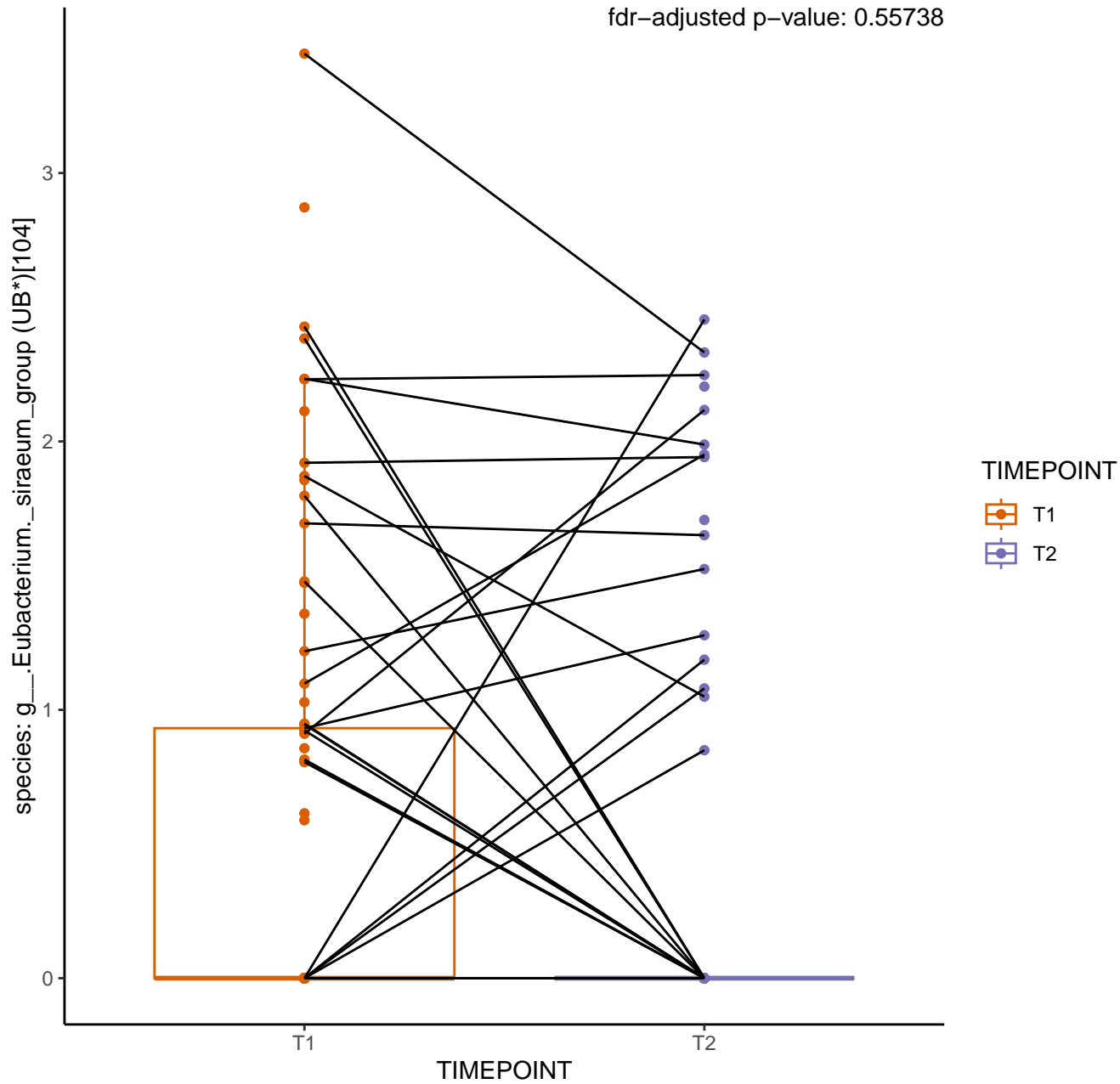
T1

T2



paired p-value: 0.27876

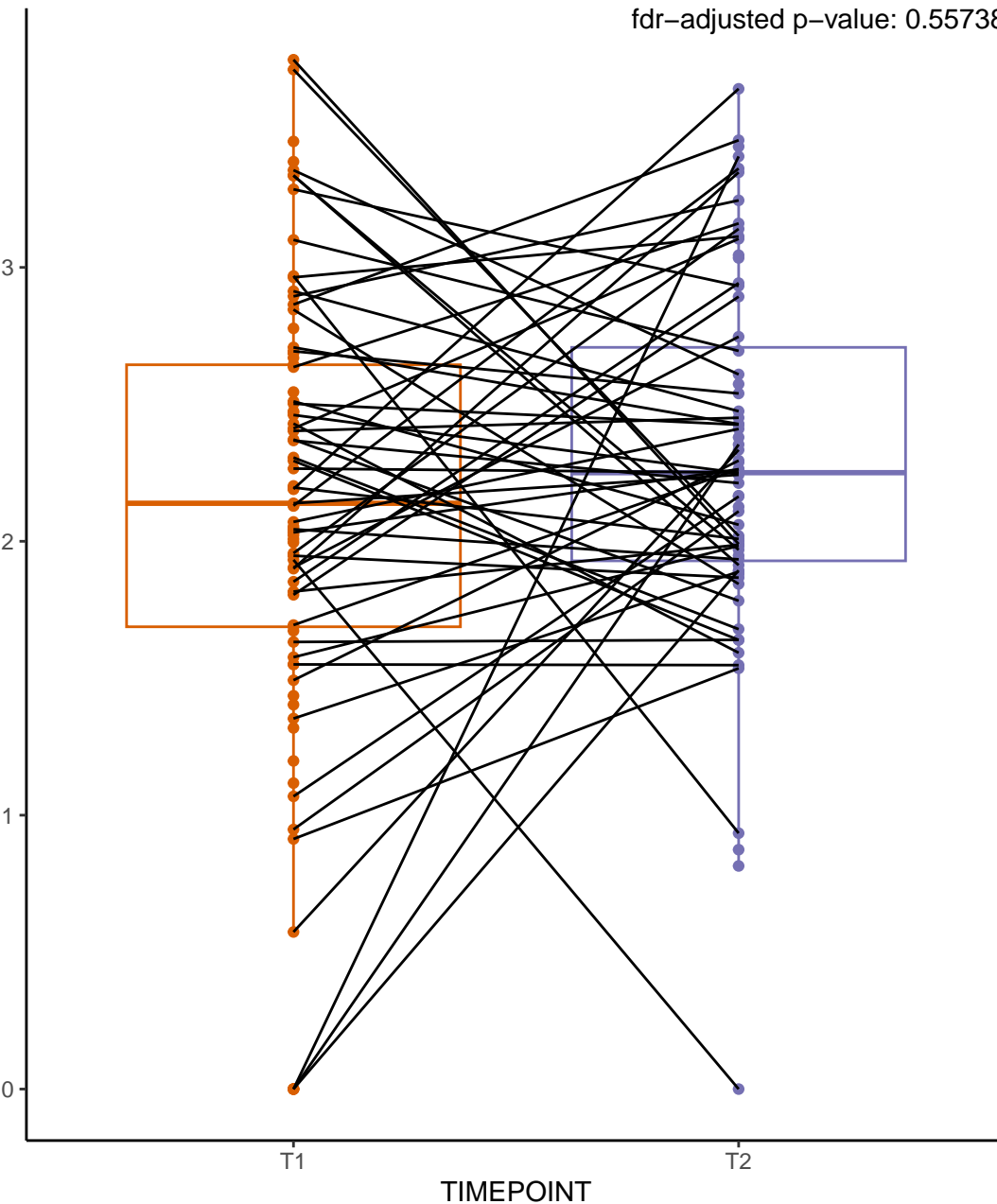
fdr-adjusted p-value: 0.55738



paired p-value: 0.28053

fdr-adjusted p-value: 0.55738

species: *Streptococcus salivarius*[4]



TIMEPOINT

T1

T2

paired p-value: 0.28385

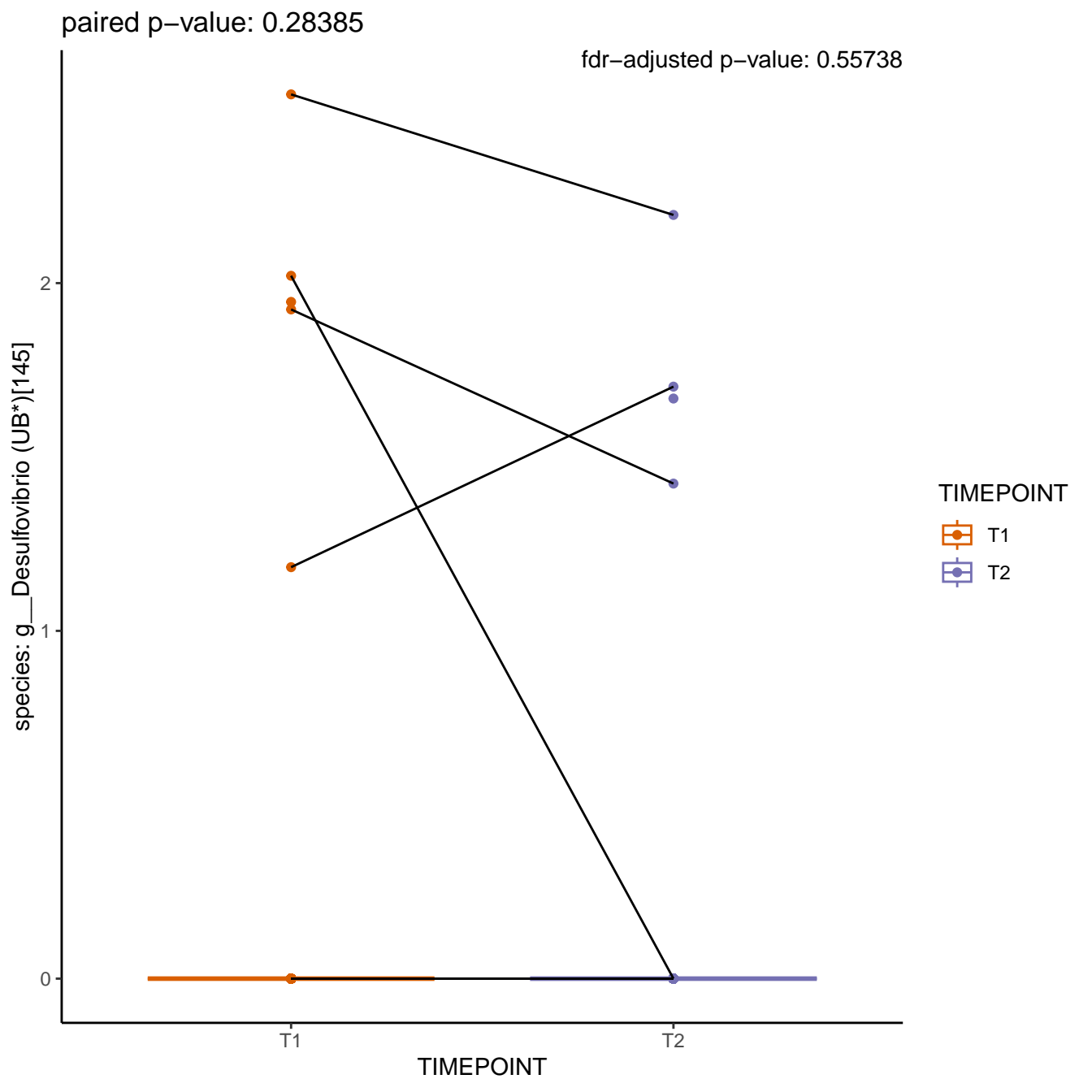
fdr-adjusted p-value: 0.55738

species: g__Desulfovibrio (UB*)[145]

TIMEPOINT

T1

T2



paired p-value: 0.29782

fdr-adjusted p-value: 0.55738

species: g_UCG.002 (UB*)[53]

TIMEPOINT

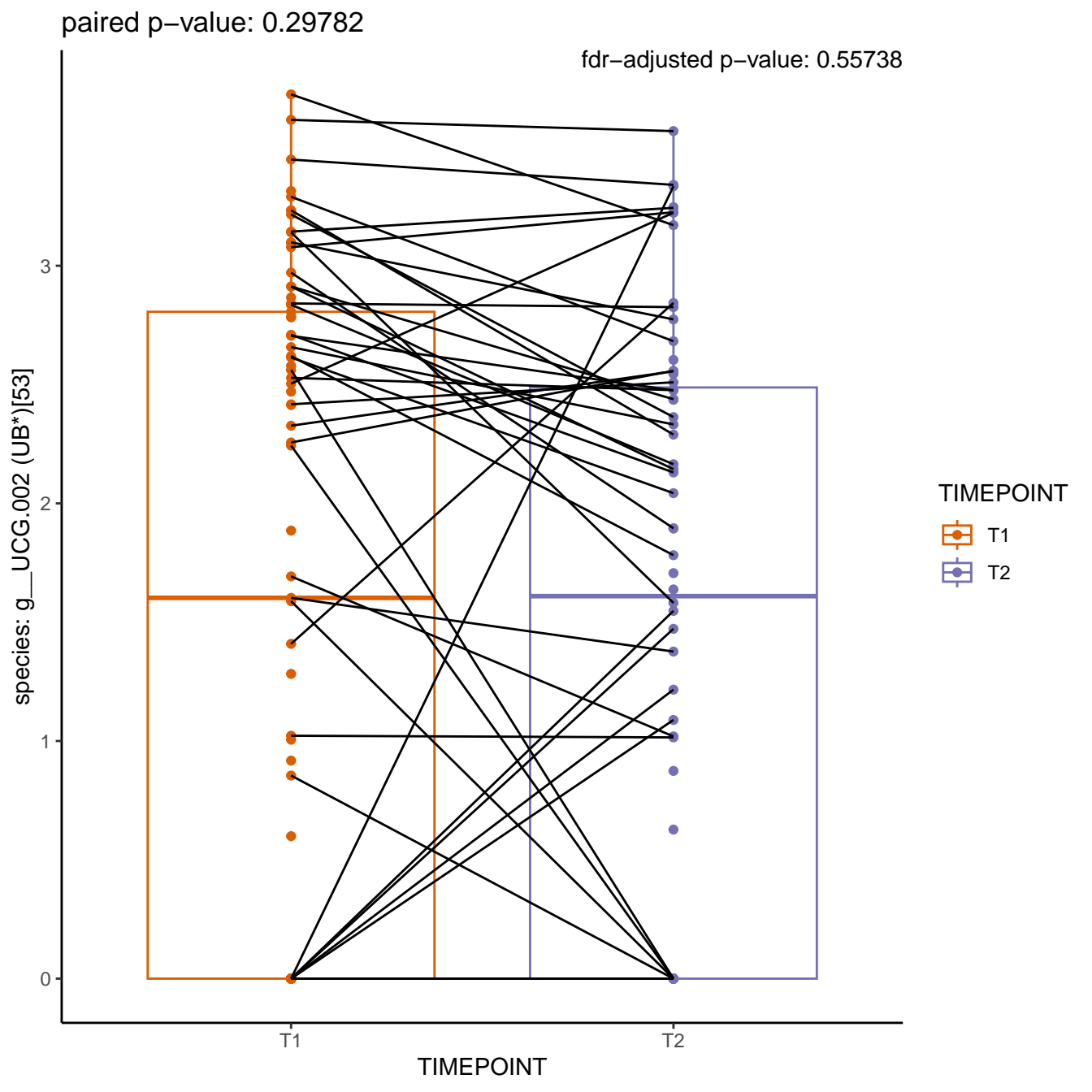
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.30023

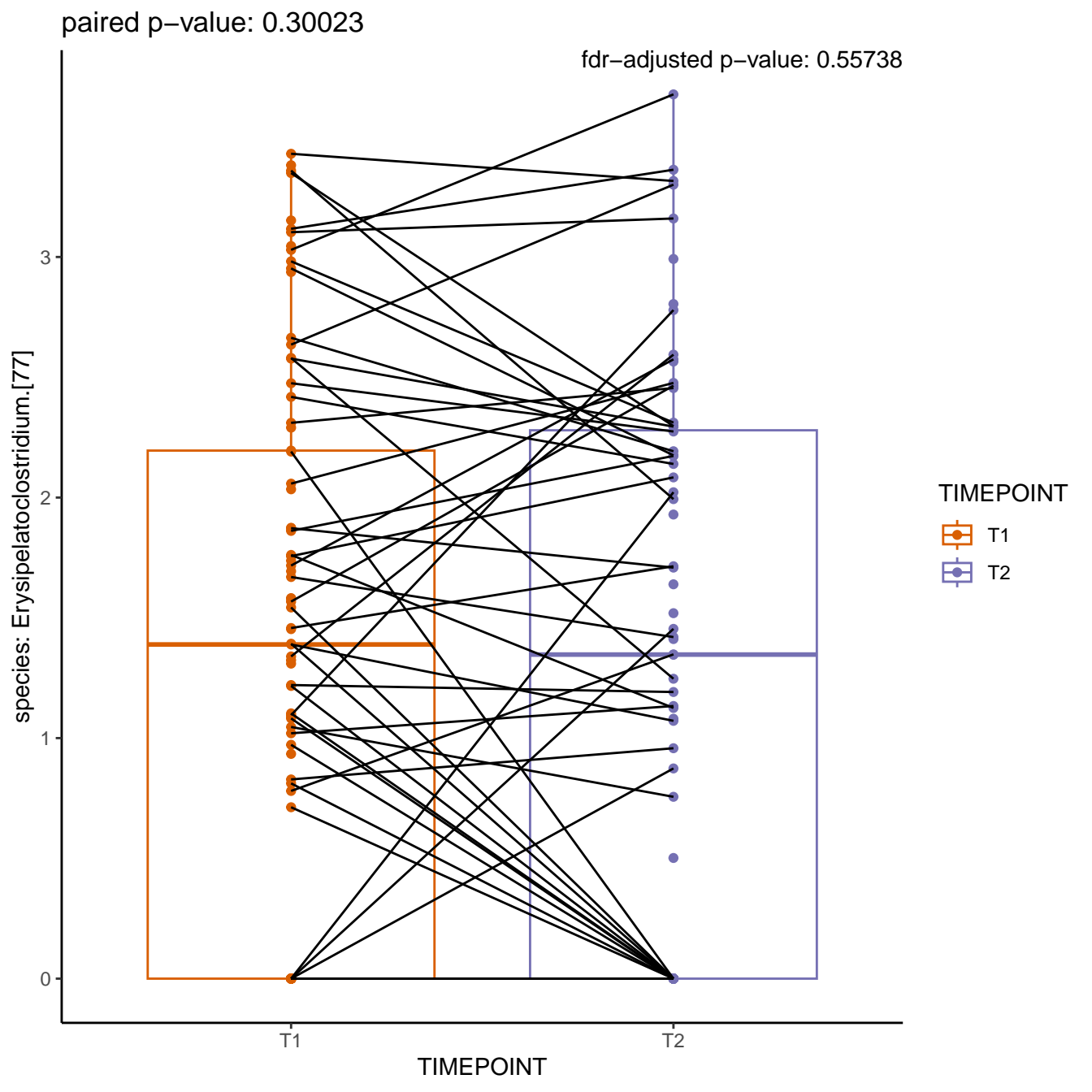
fdr-adjusted p-value: 0.55738

species: *Erysipelatoclostridium*. [77]

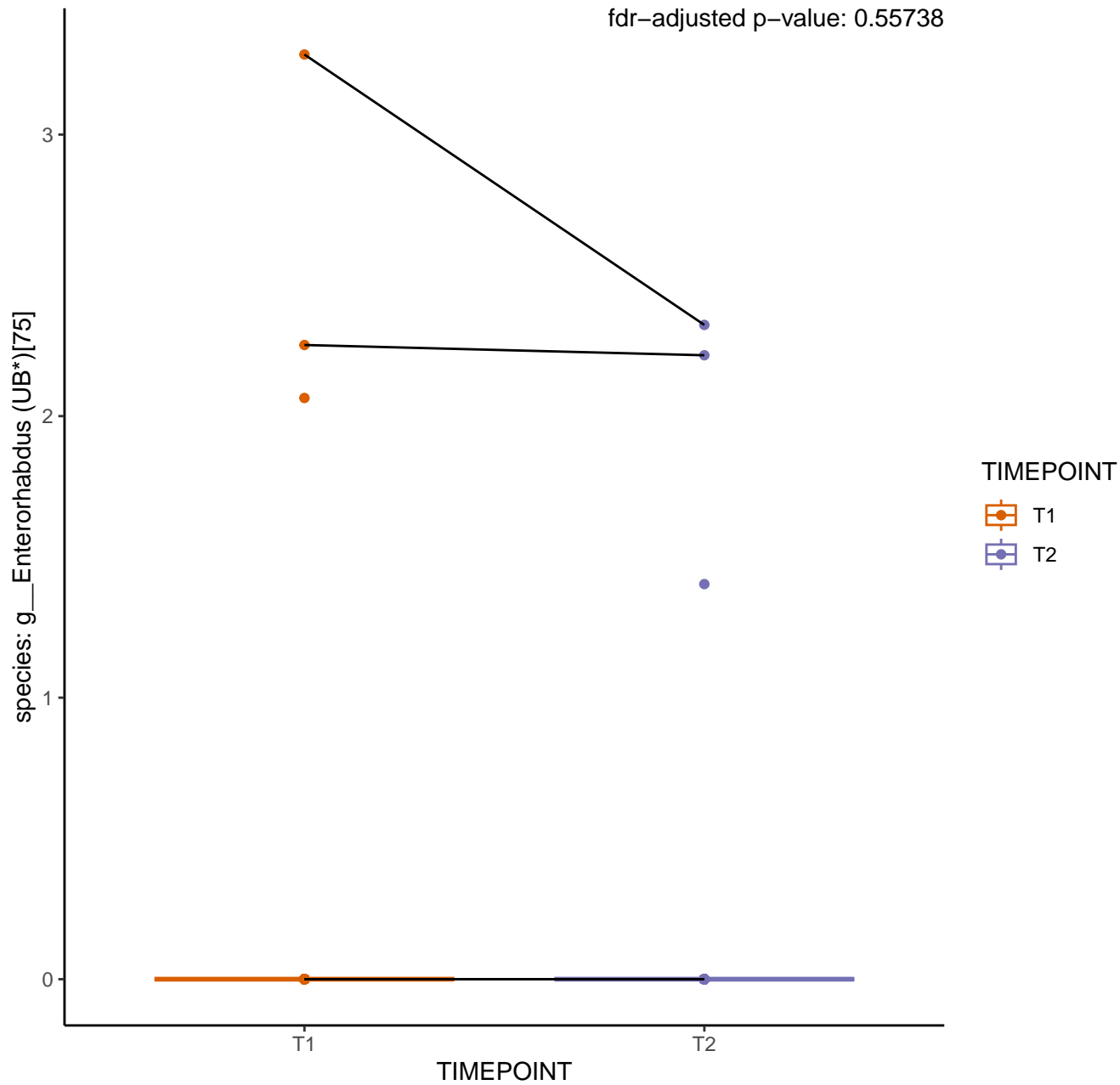
TIMEPOINT

T1

T2

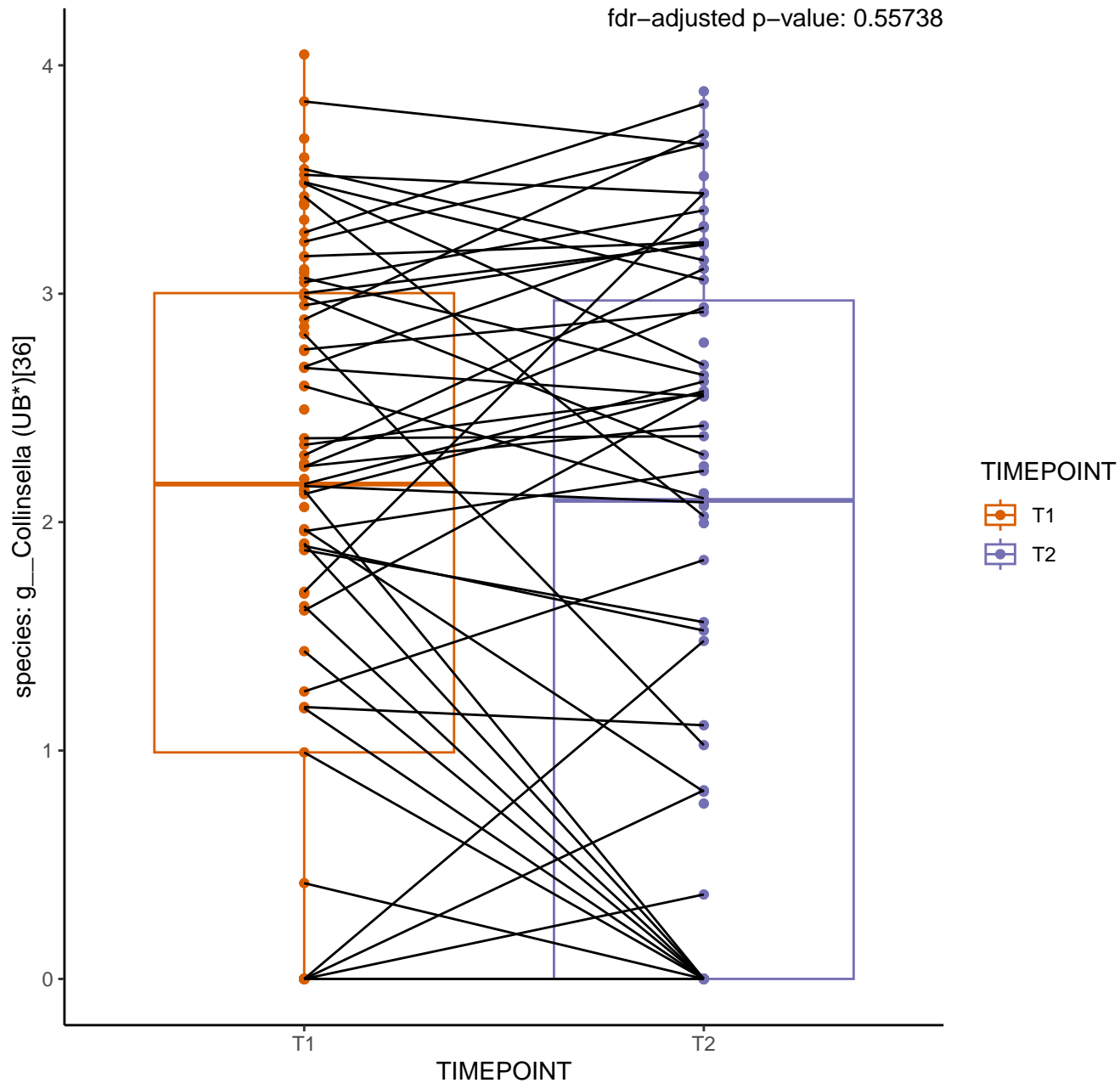


fdr-adjusted p-value: 0.55738



paired p-value: 0.30959

fdr-adjusted p-value: 0.55738



paired p-value: 0.31002

fdr-adjusted p-value: 0.55738

species: Anaerostipes.[92]

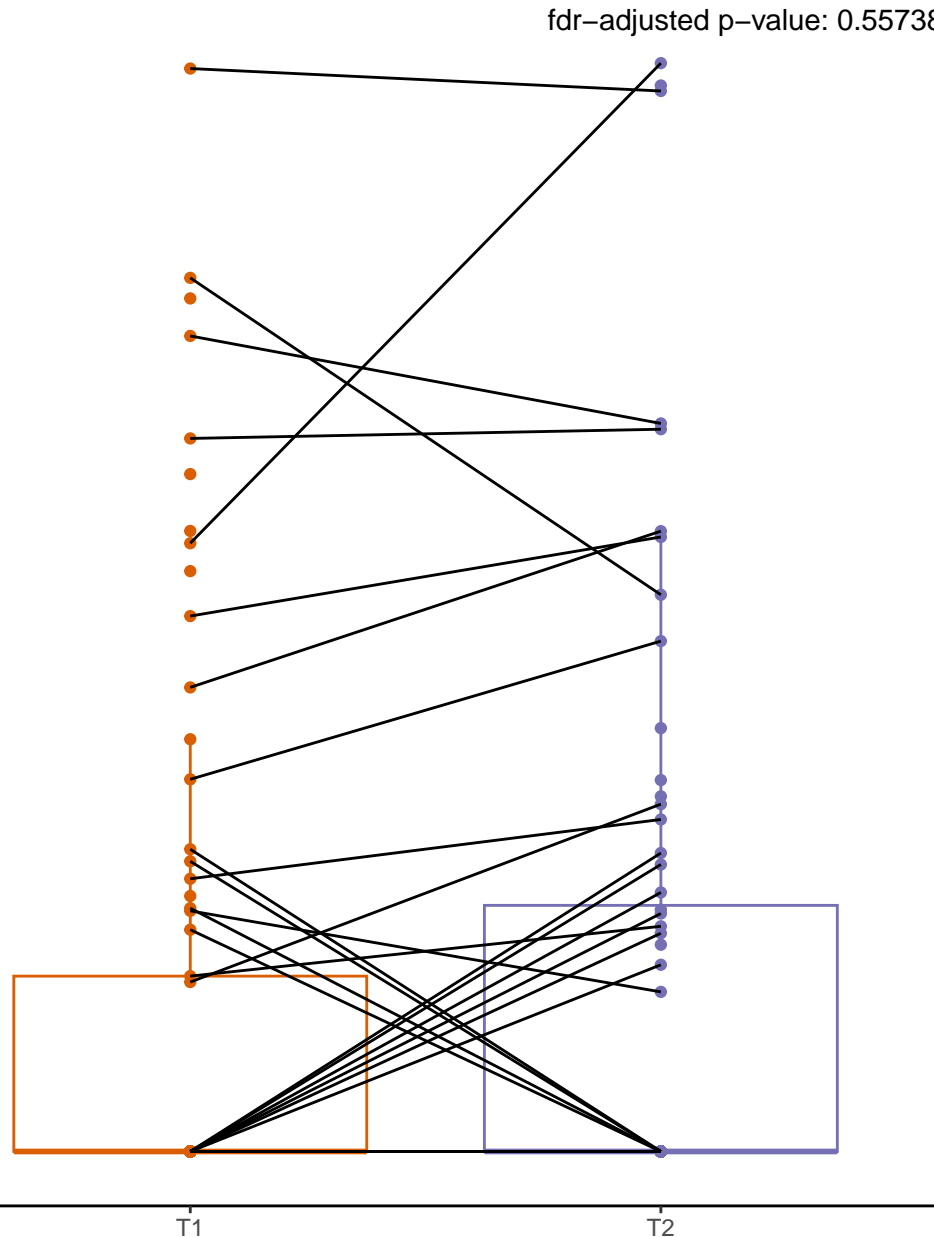
TIMEPOINT

T1
T2

T1

T2

TIMEPOINT



paired p-value: 0.31191

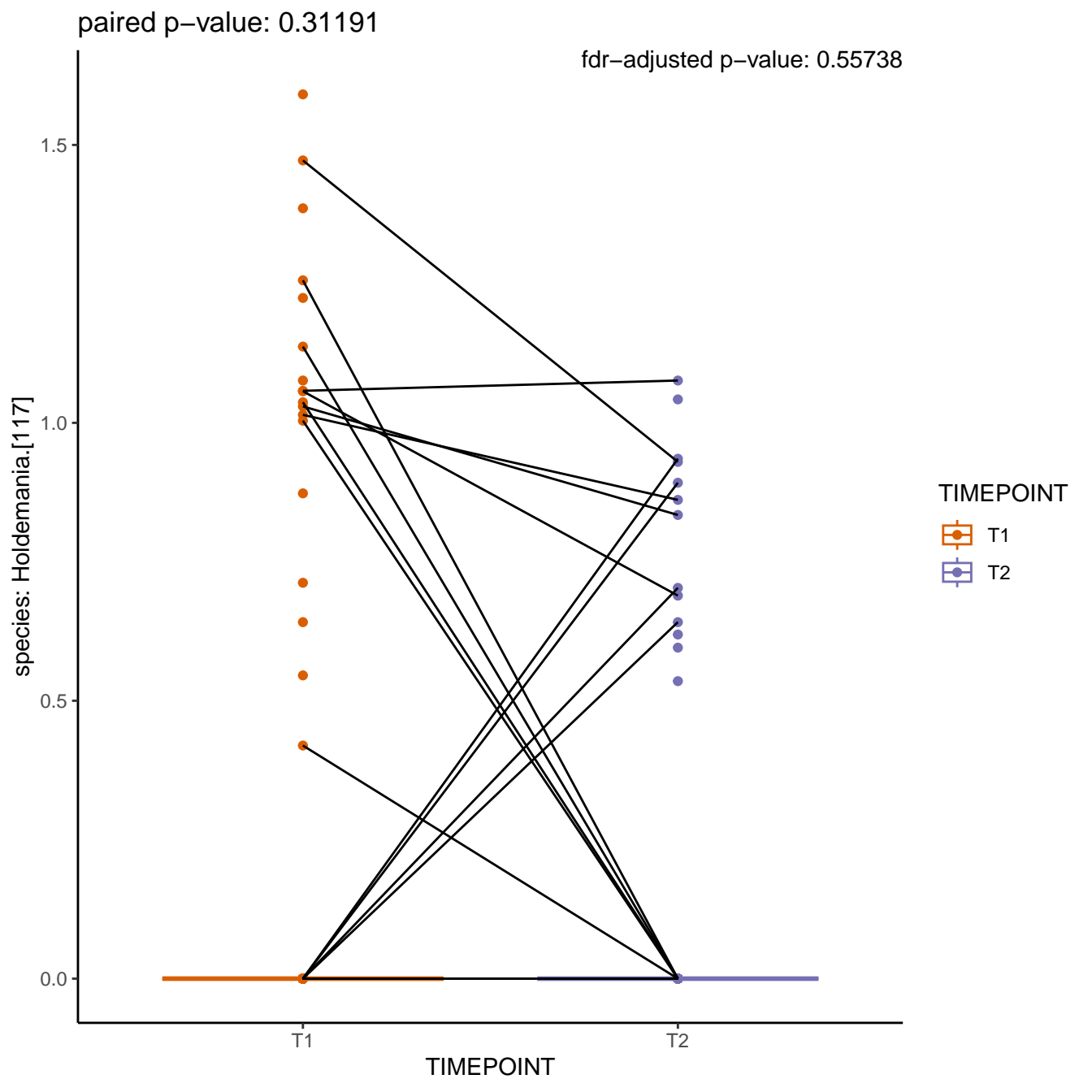
fdr-adjusted p-value: 0.55738

species: Holdemania.[117]

TIMEPOINT

T1

T2



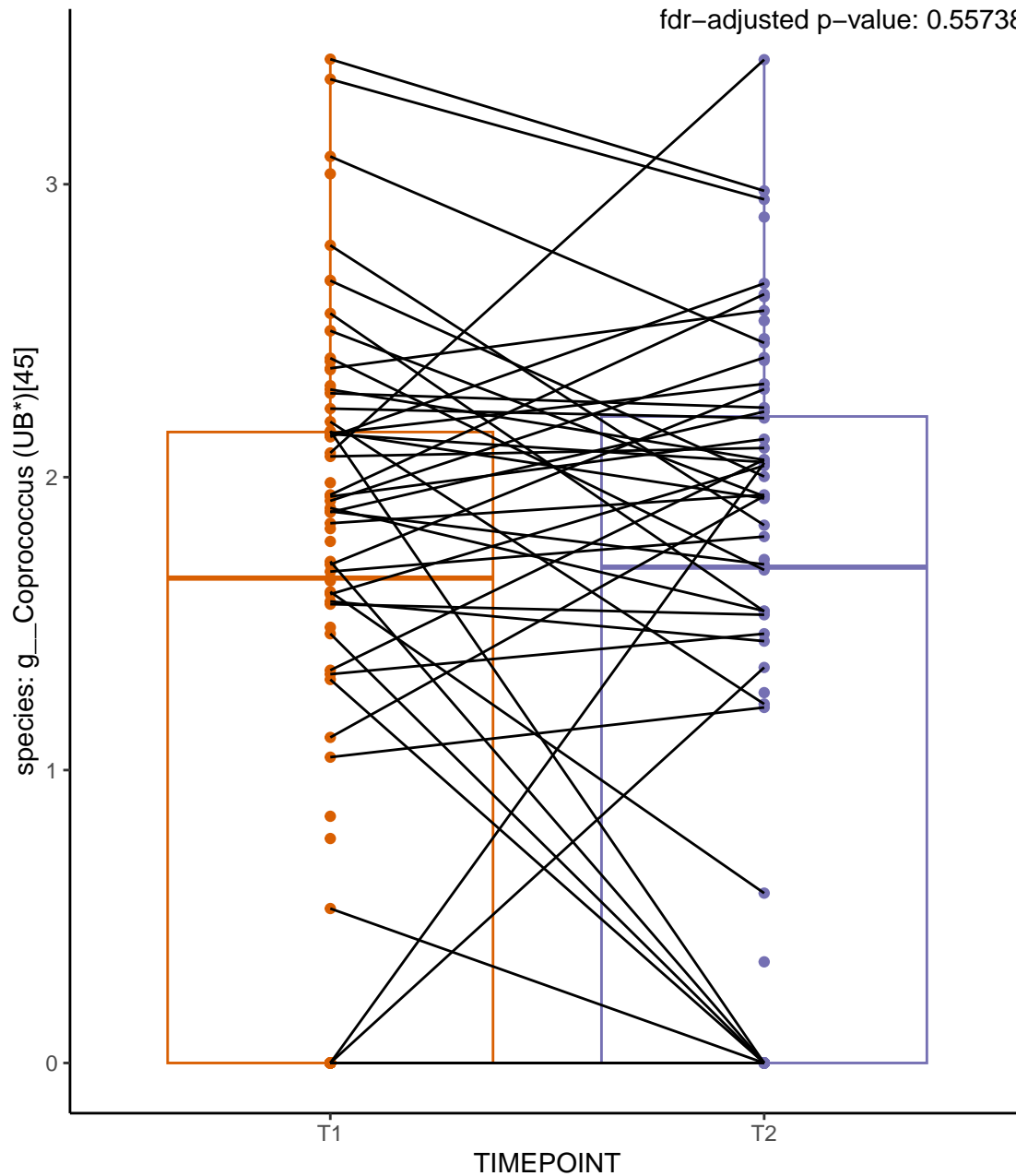
paired p-value: 0.31406

fdr-adjusted p-value: 0.55738

species: g__Coproccoccus (UB*)[45]

TIMEPOINT

T1
T2



paired p-value: 0.31961

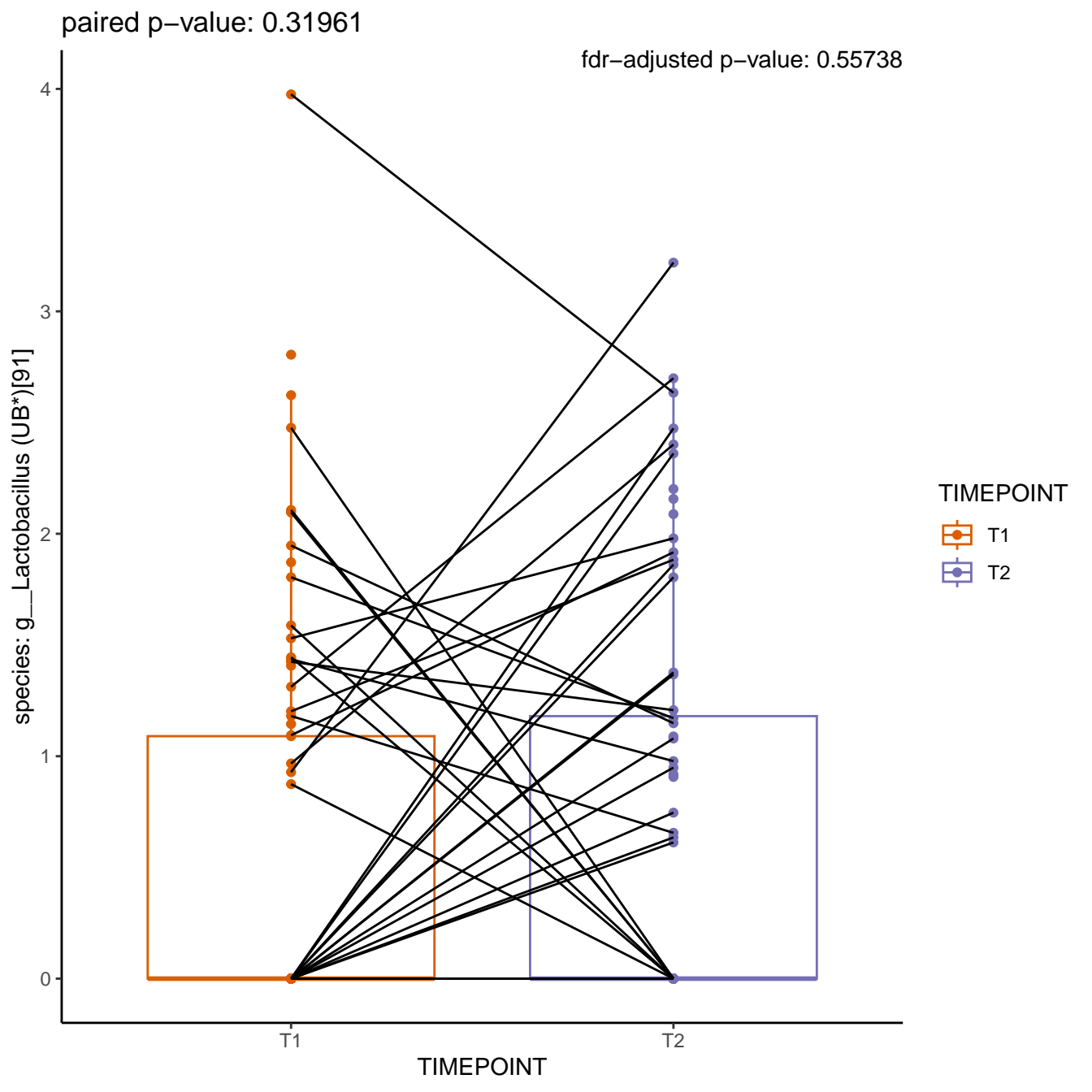
fdr-adjusted p-value: 0.55738

species: g__Lactobacillus (UB*) [91]

TIMEPOINT

T1

T2



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: Pseudomonas.[115]

TIMEPOINT

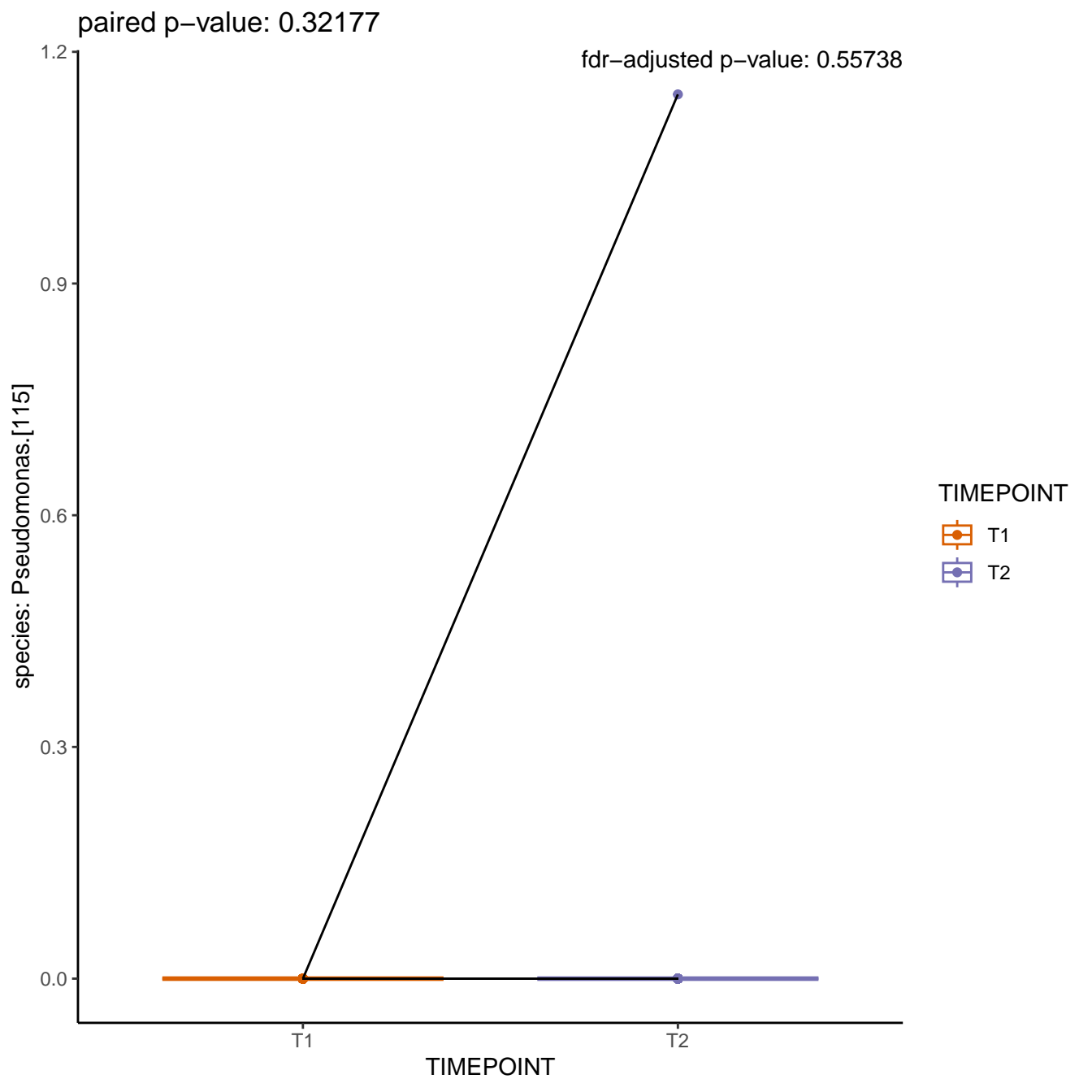
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: g___Megasphaera (UB*)[21]

0.6

0.4

0.2

0.0

T1

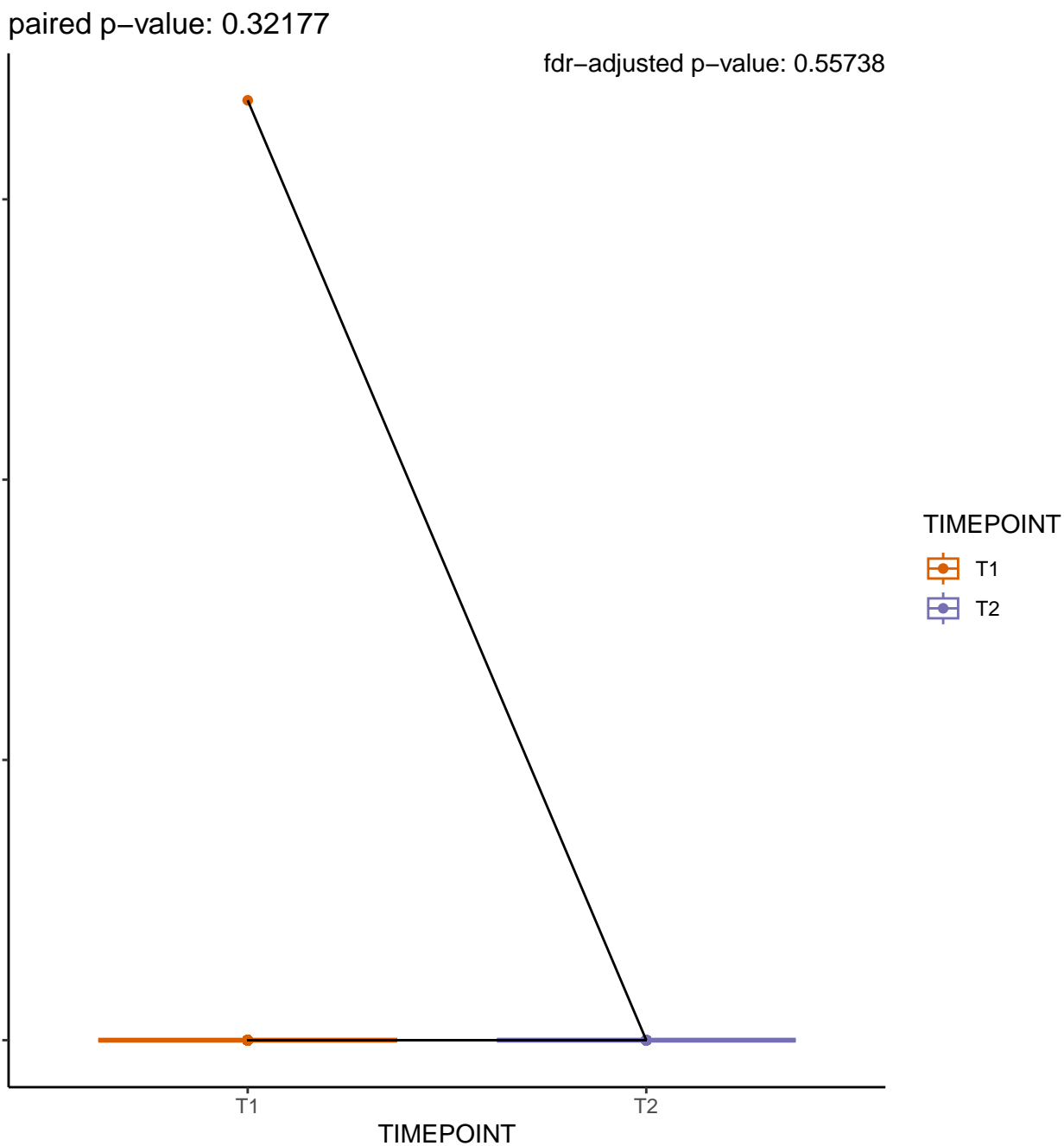
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.32177

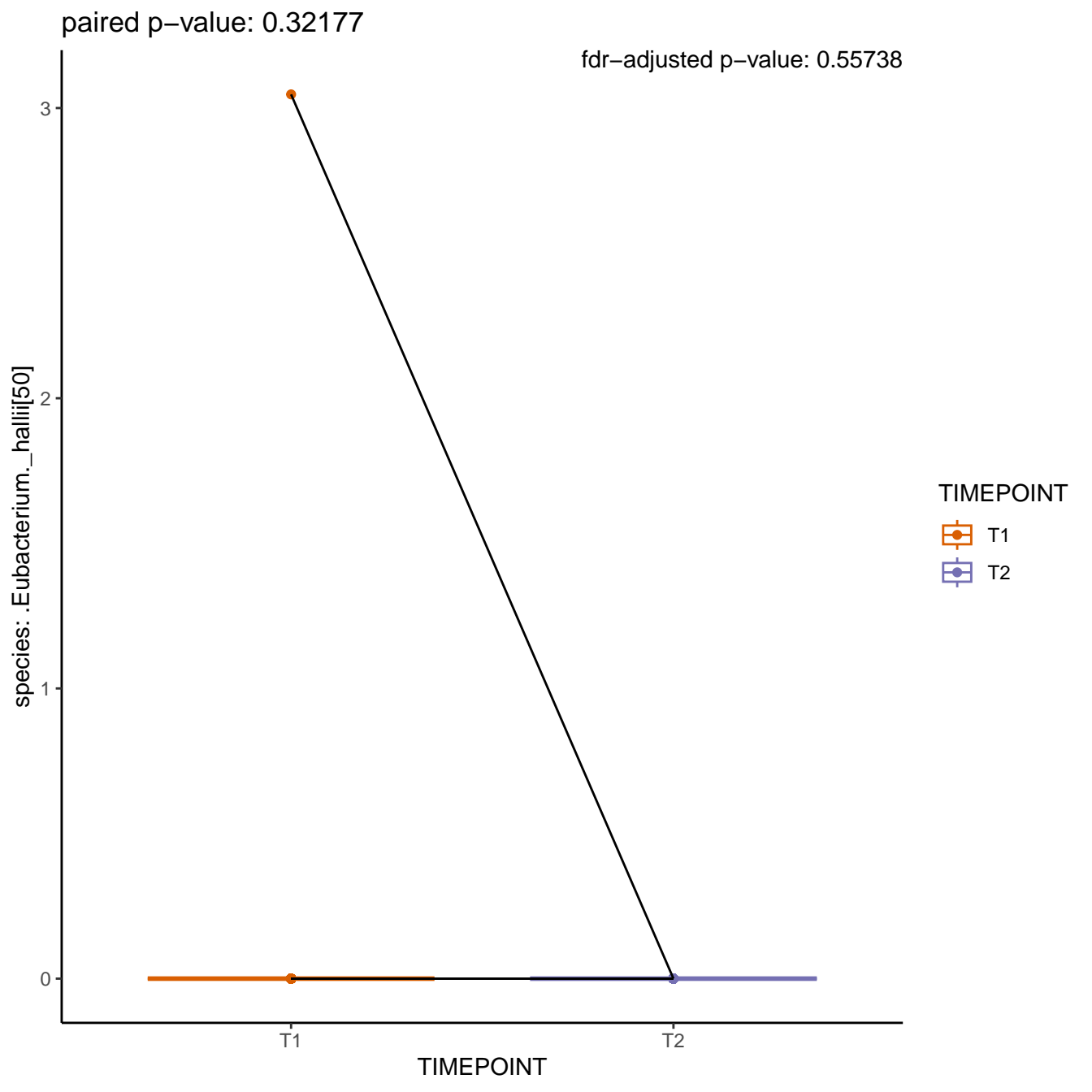
fdr-adjusted p-value: 0.55738

species: *Eubacterium._hallii*[50]

TIMEPOINT

T1

T2



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: Agathobacter.[54]

TIMEPOINT

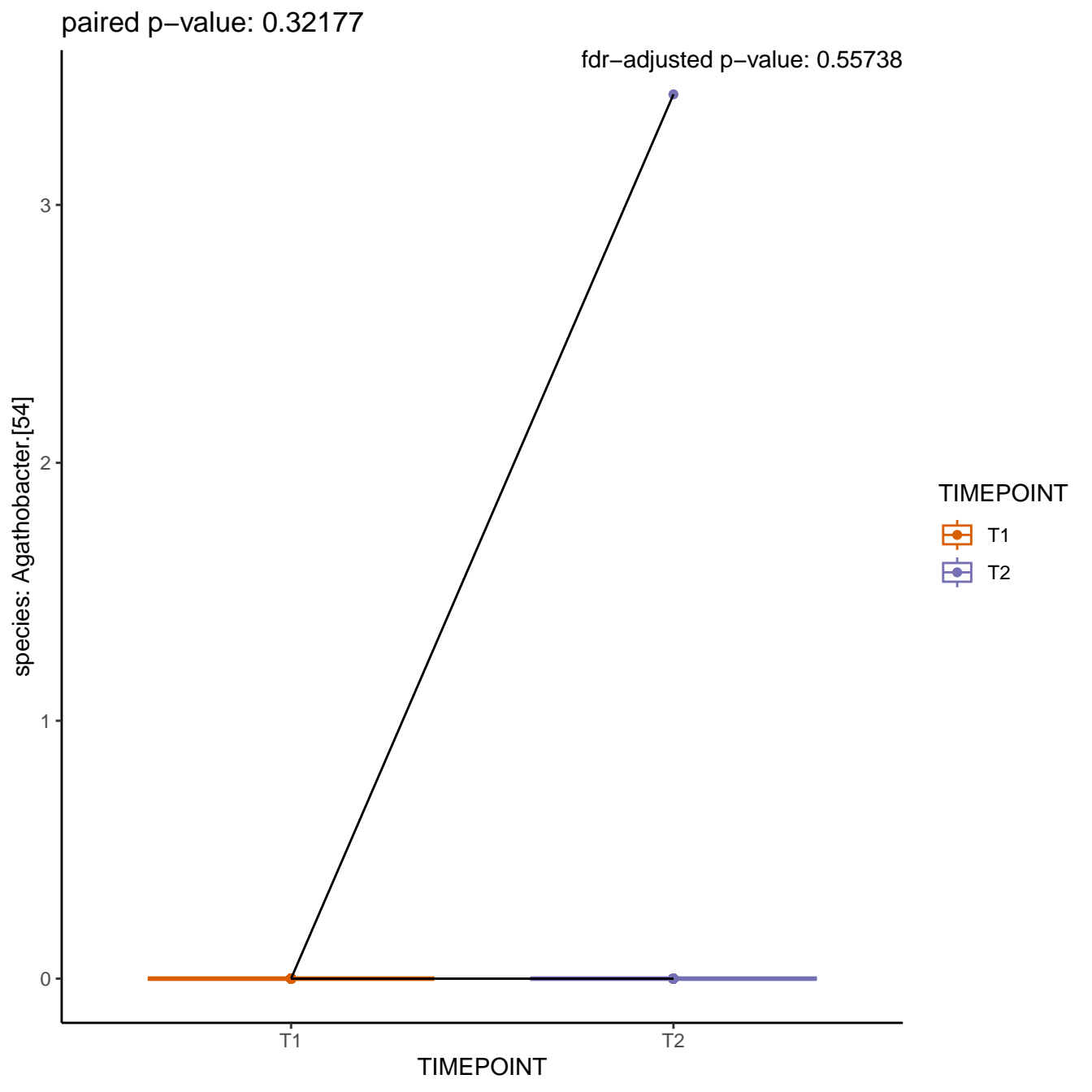
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: uncultured_organism[60]

TIMEPOINT

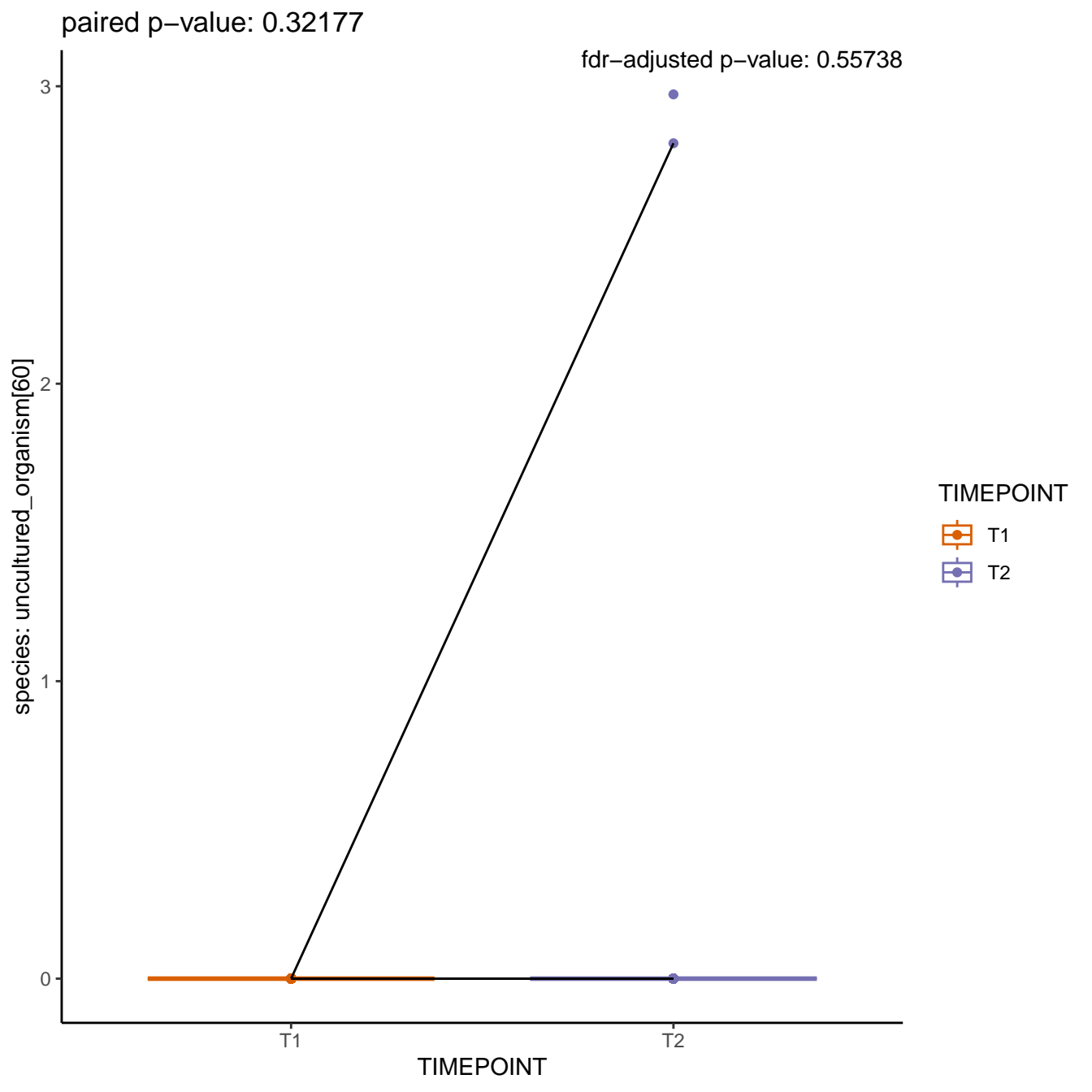
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: .Eubacterium._coprostanoligenes_group.[96]

TIMEPOINT

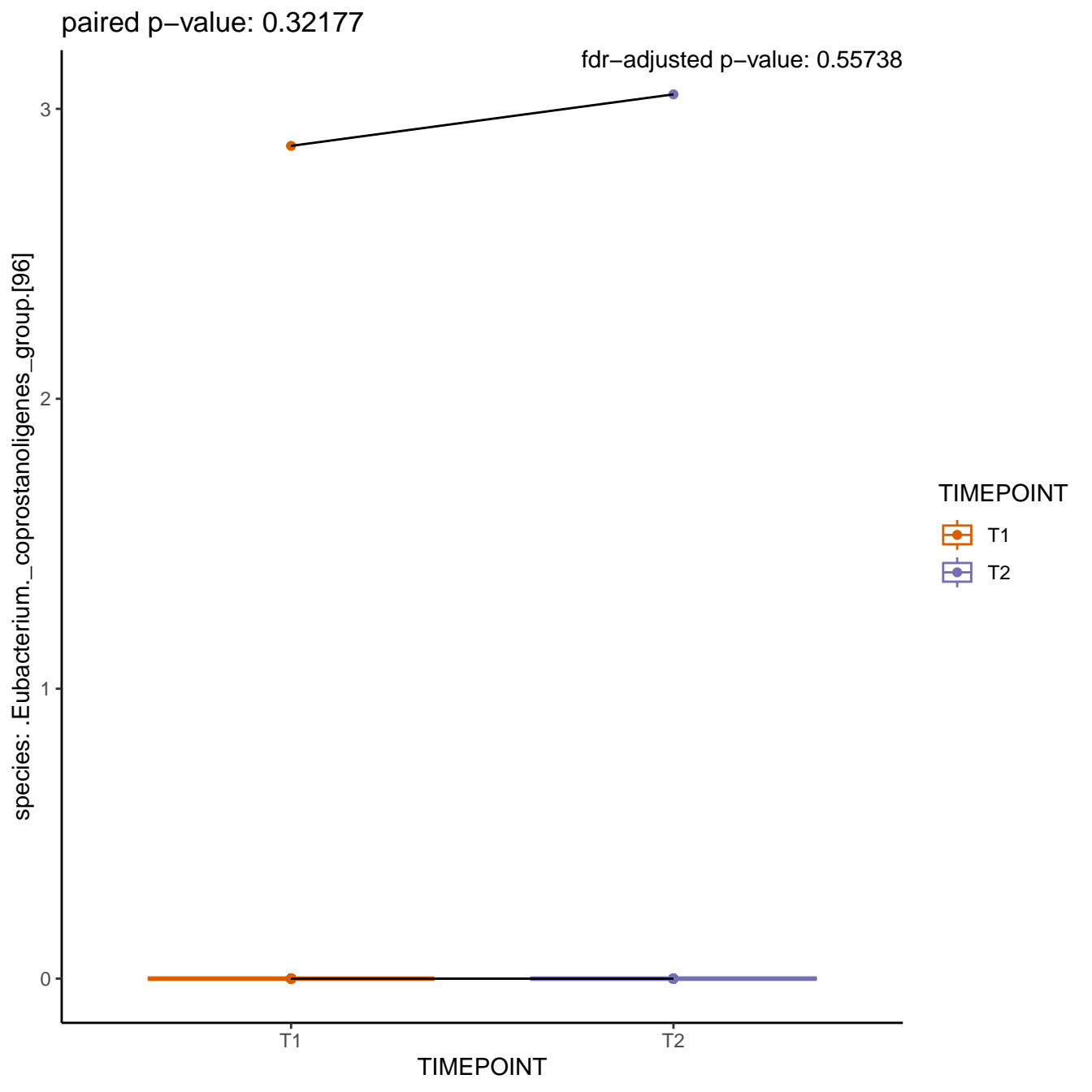
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.32177

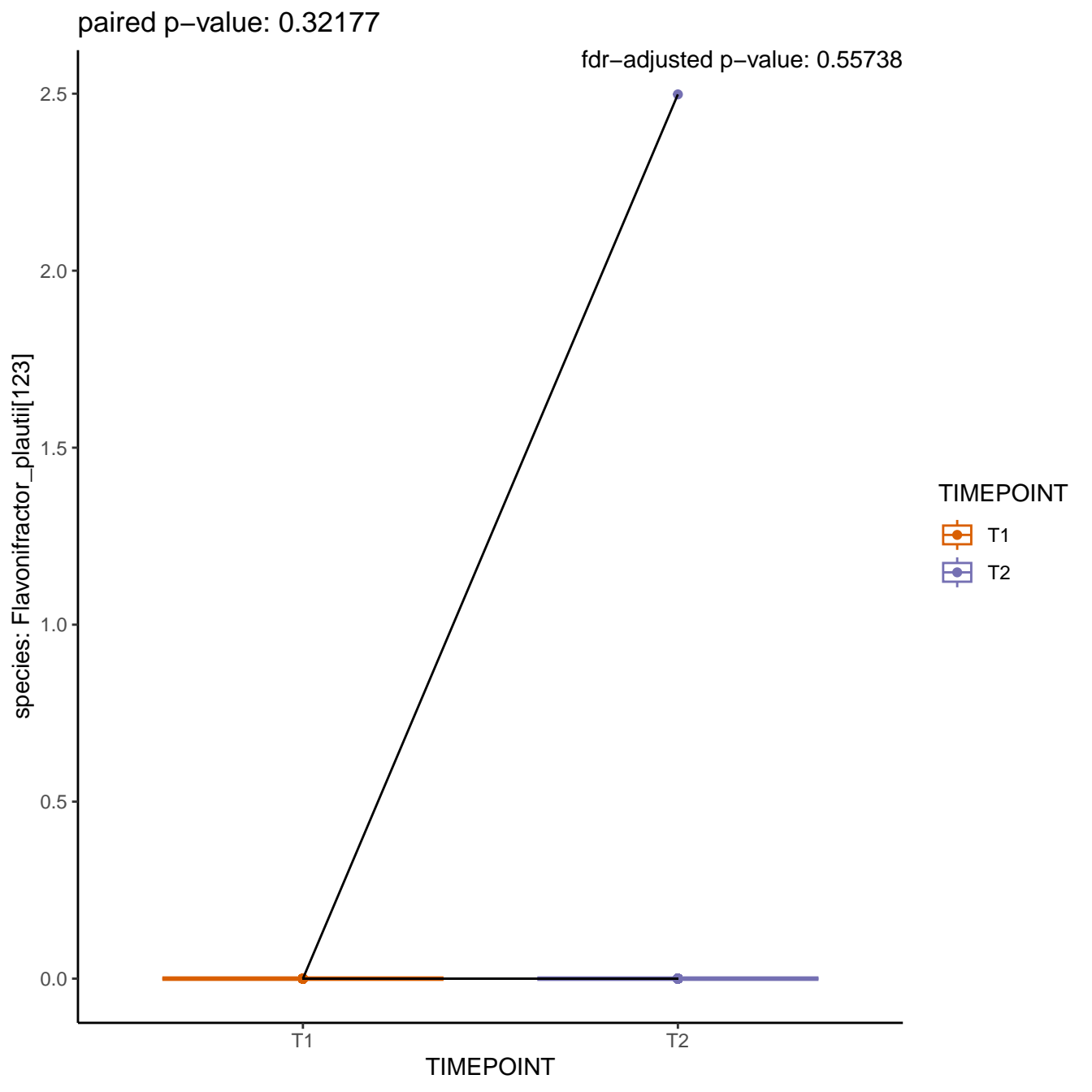
fdr-adjusted p-value: 0.55738

species: Flavonifractor_plautiij[123]

TIMEPOINT

T1

T2



paired p-value: 0.32177

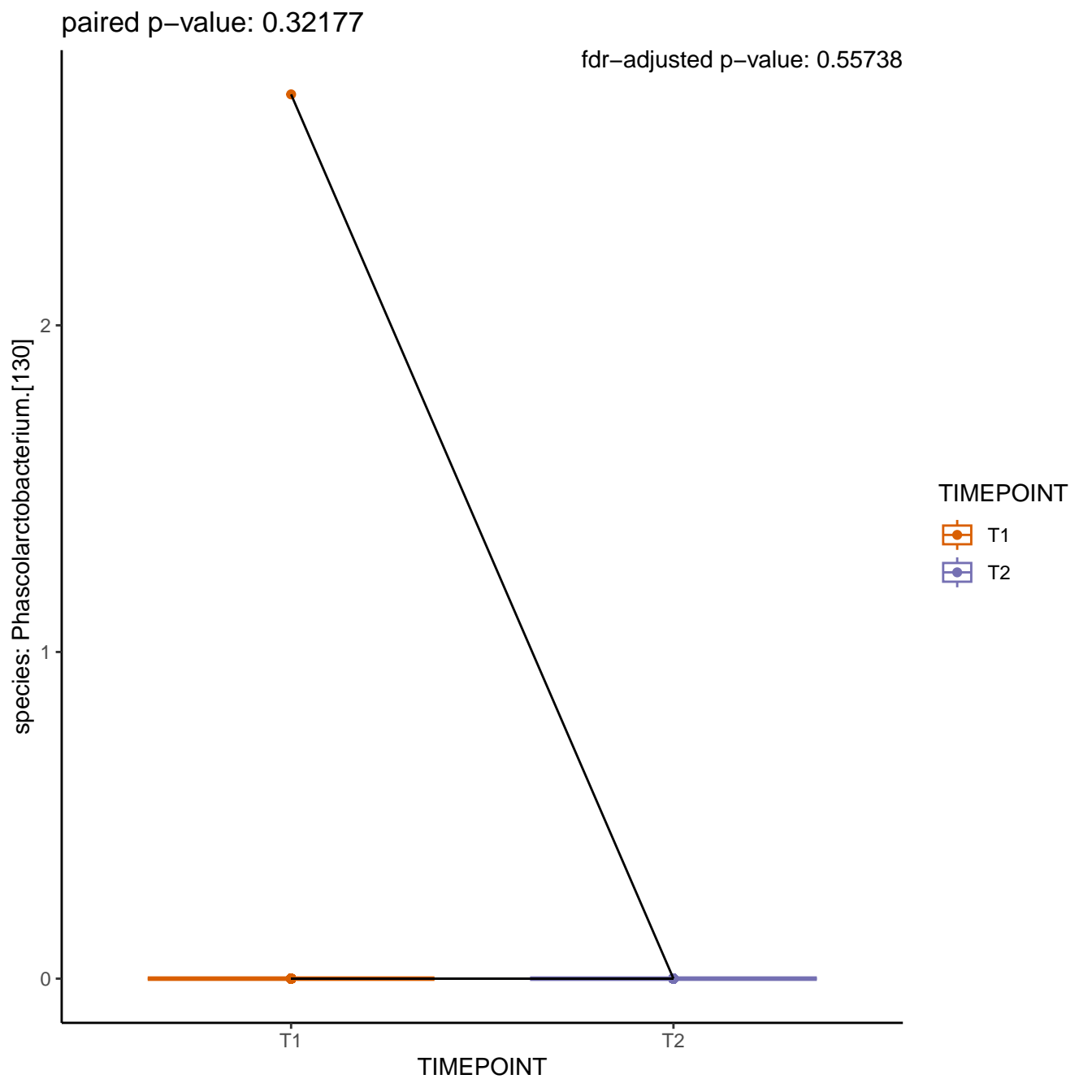
fdr-adjusted p-value: 0.55738

species: Phascolarctobacterium.[130]

TIMEPOINT

T1

T2



paired p-value: 0.32177

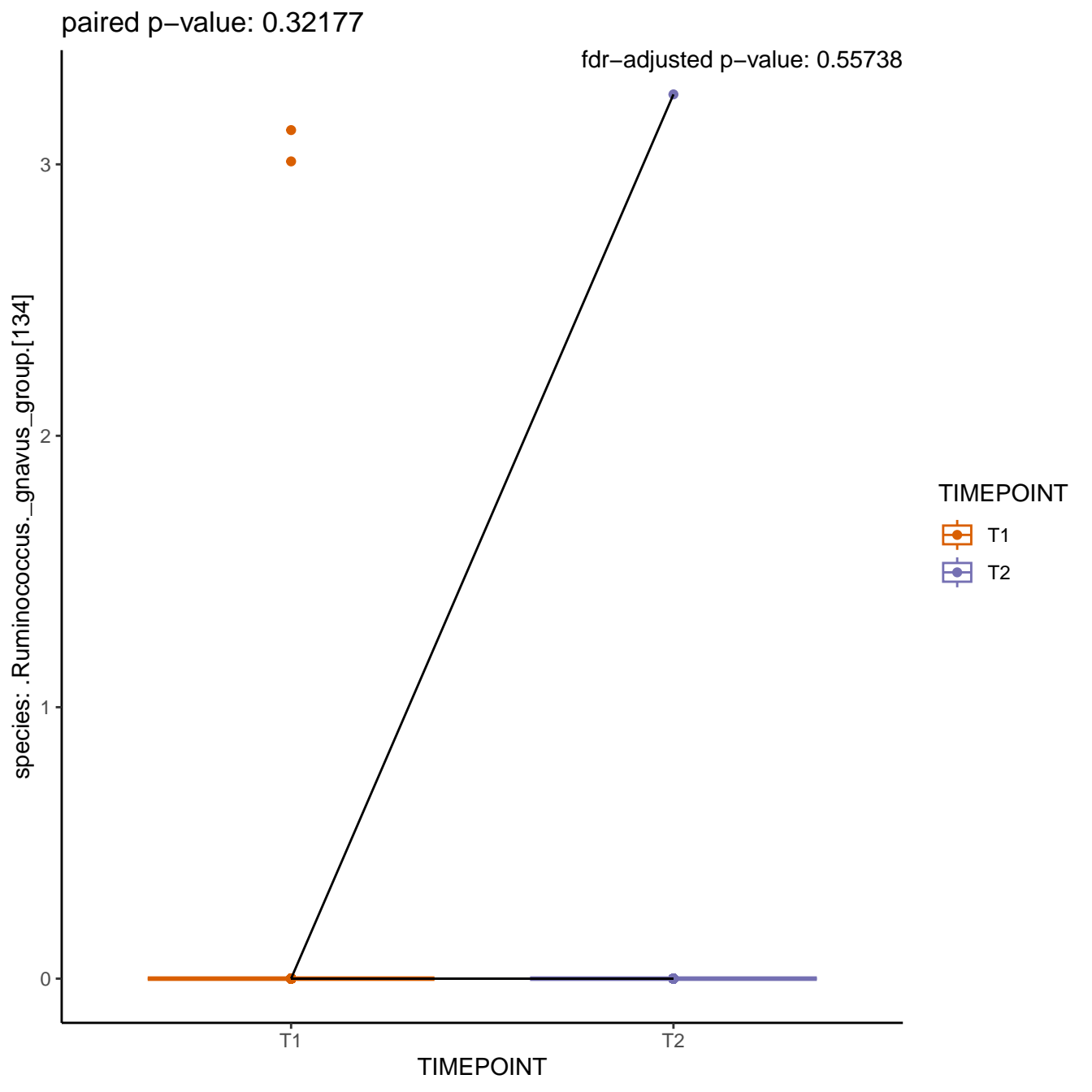
fdr-adjusted p-value: 0.55738

species: .Ruminococcus._gnavus_group.[134]

TIMEPOINT

T1

T2



paired p-value: 0.32177

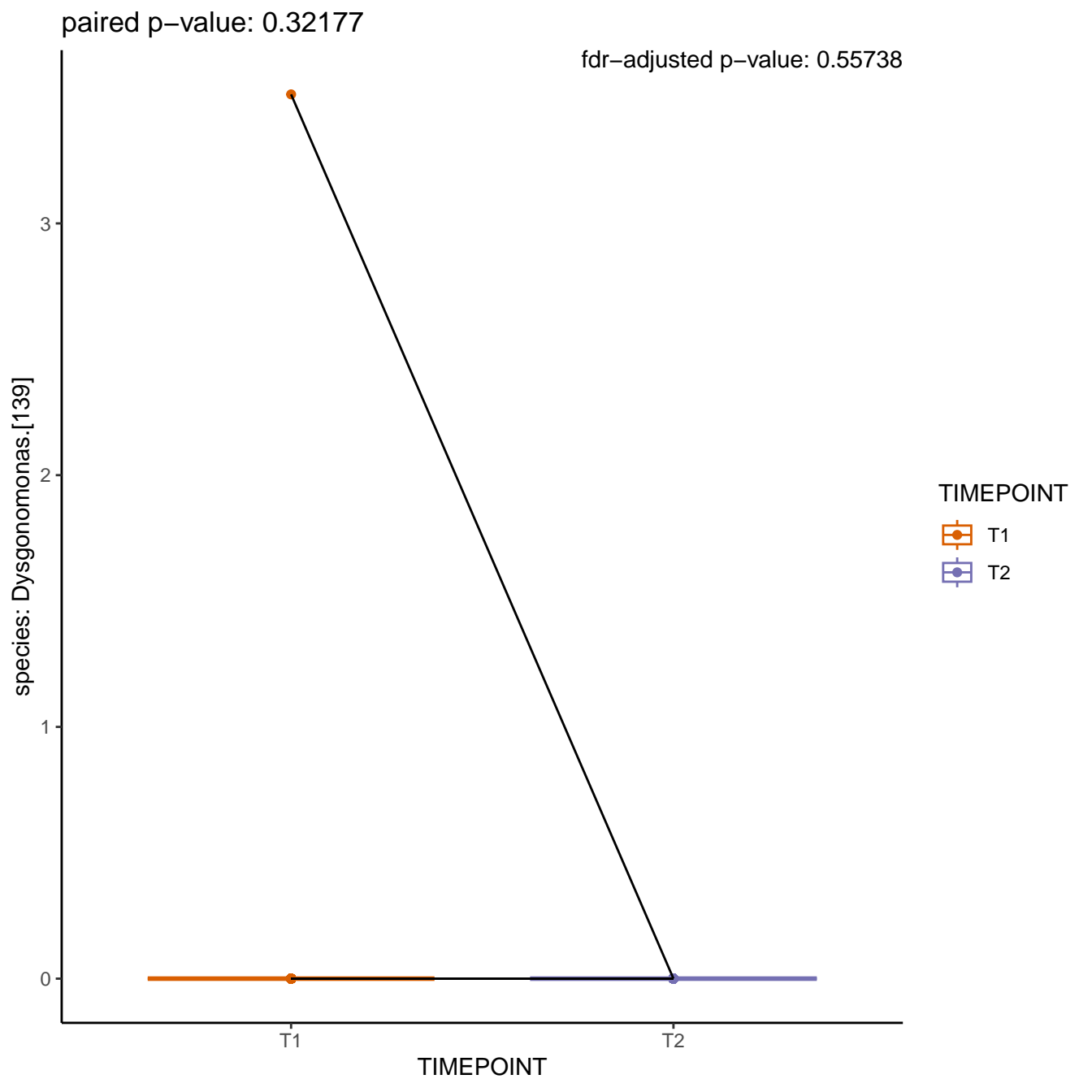
fdr-adjusted p-value: 0.55738

species: *Dysgonomonas*. [139]

TIMEPOINT

T1

T2



paired p-value: 0.32177

fdr-adjusted p-value: 0.55738

species: Collinsella.[144]

TIMEPOINT

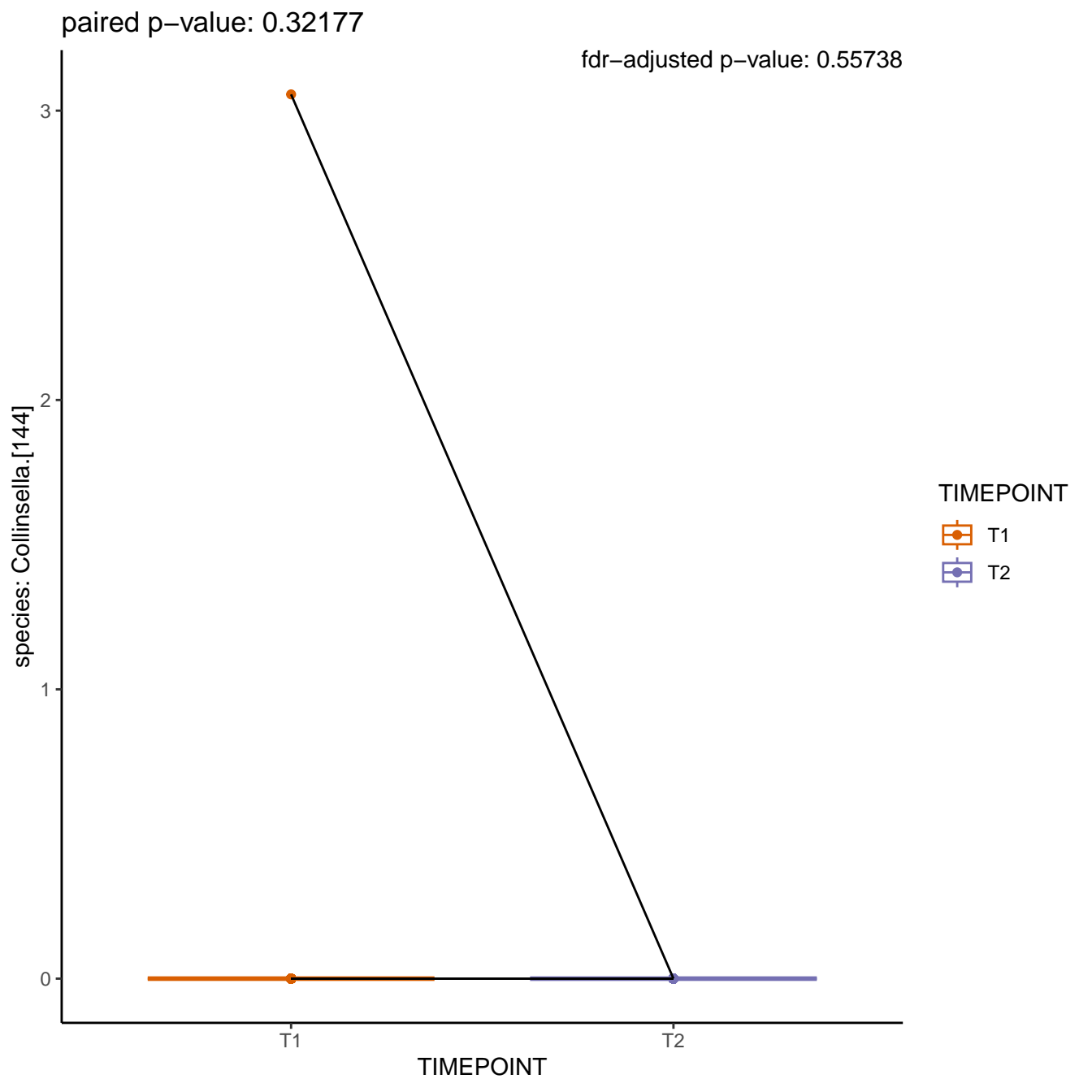
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.32177

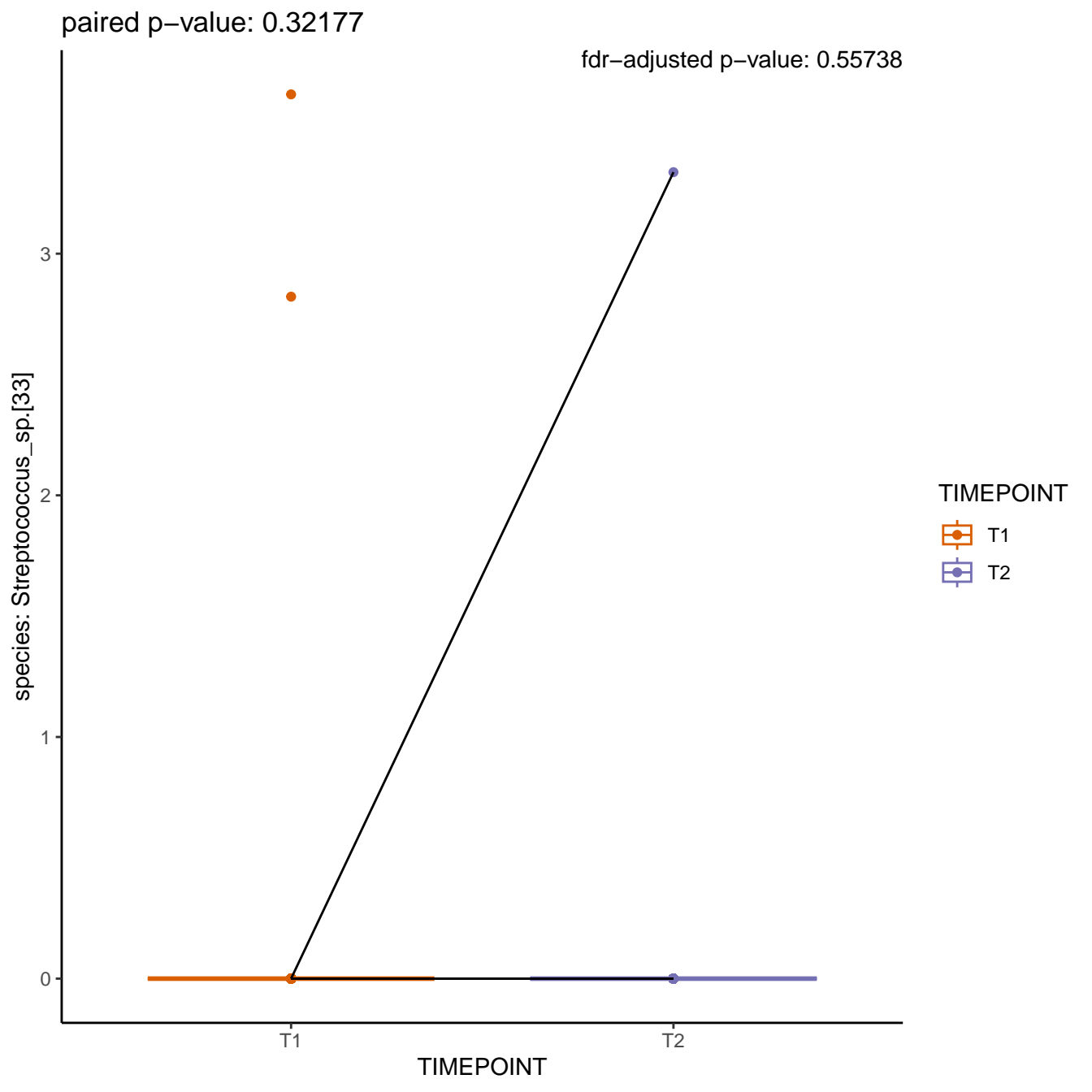
fdr-adjusted p-value: 0.55738

species: Streptococcus_sp.[33]

TIMEPOINT

T1

T2



paired p-value: 0.32177

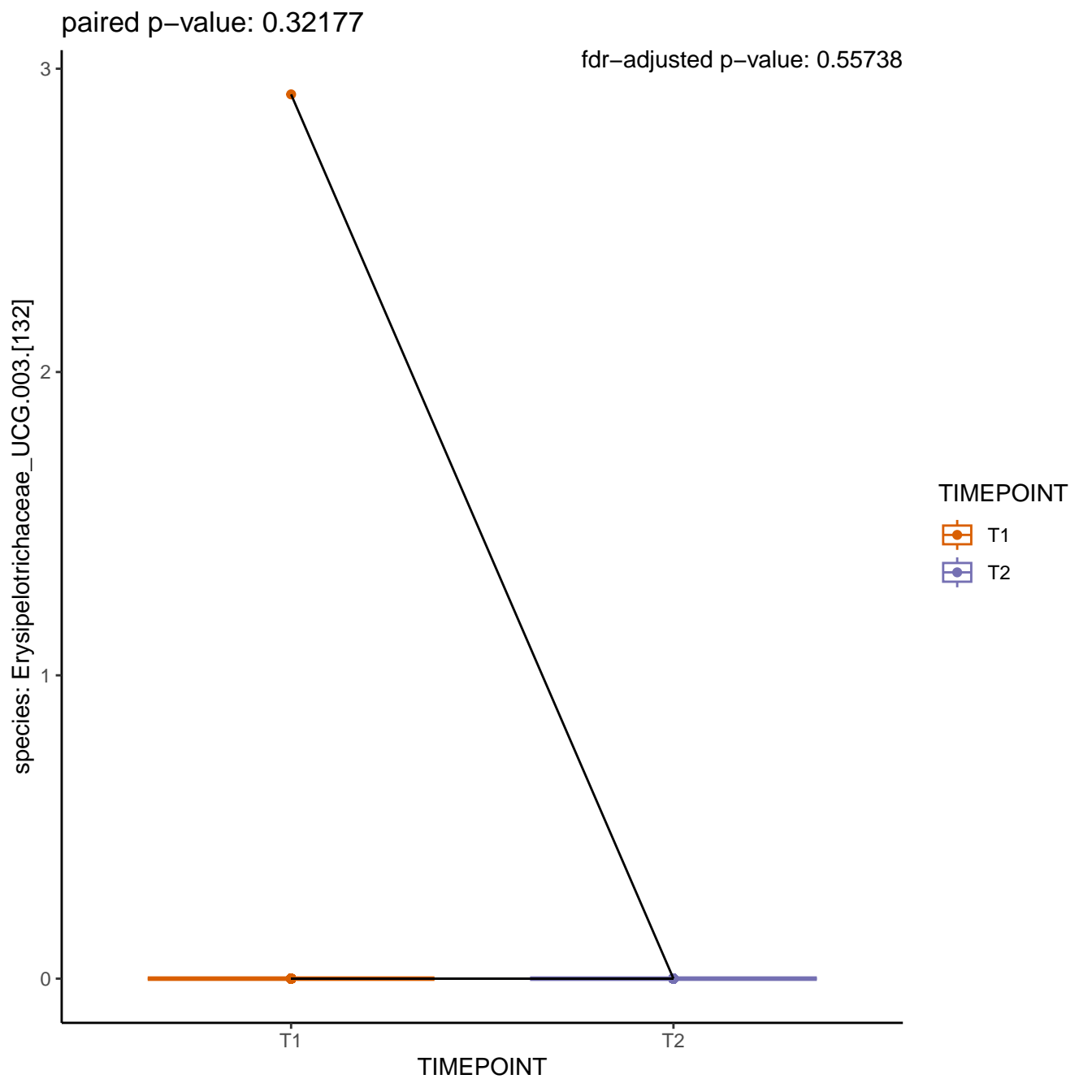
fdr-adjusted p-value: 0.55738

species: Erysipelotrichaceae_UCG.003.[132]

TIMEPOINT

T1

T2



paired p-value: 0.32572

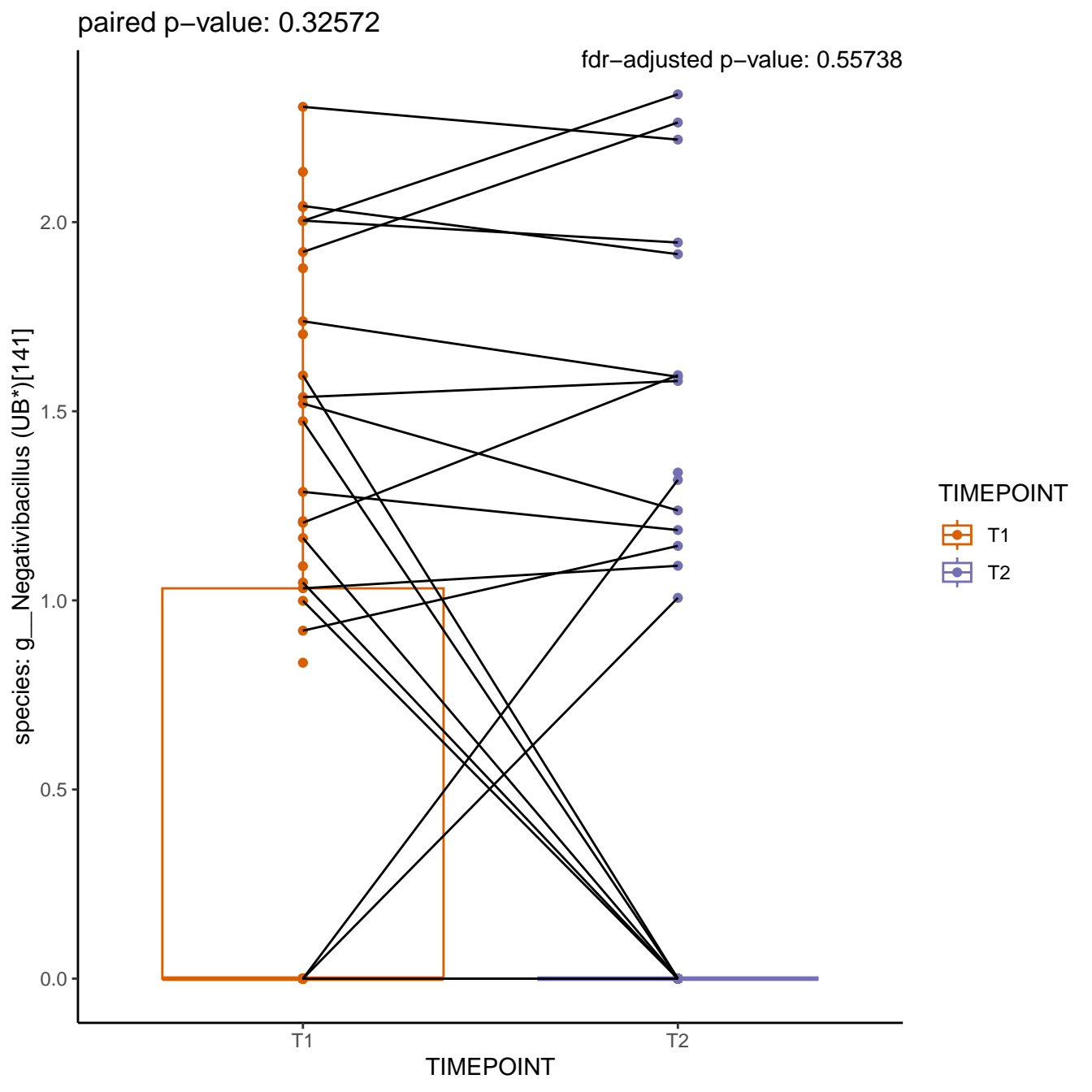
fdr-adjusted p-value: 0.55738

species: g__Negativibacillus (UB*)[141]

TIMEPOINT

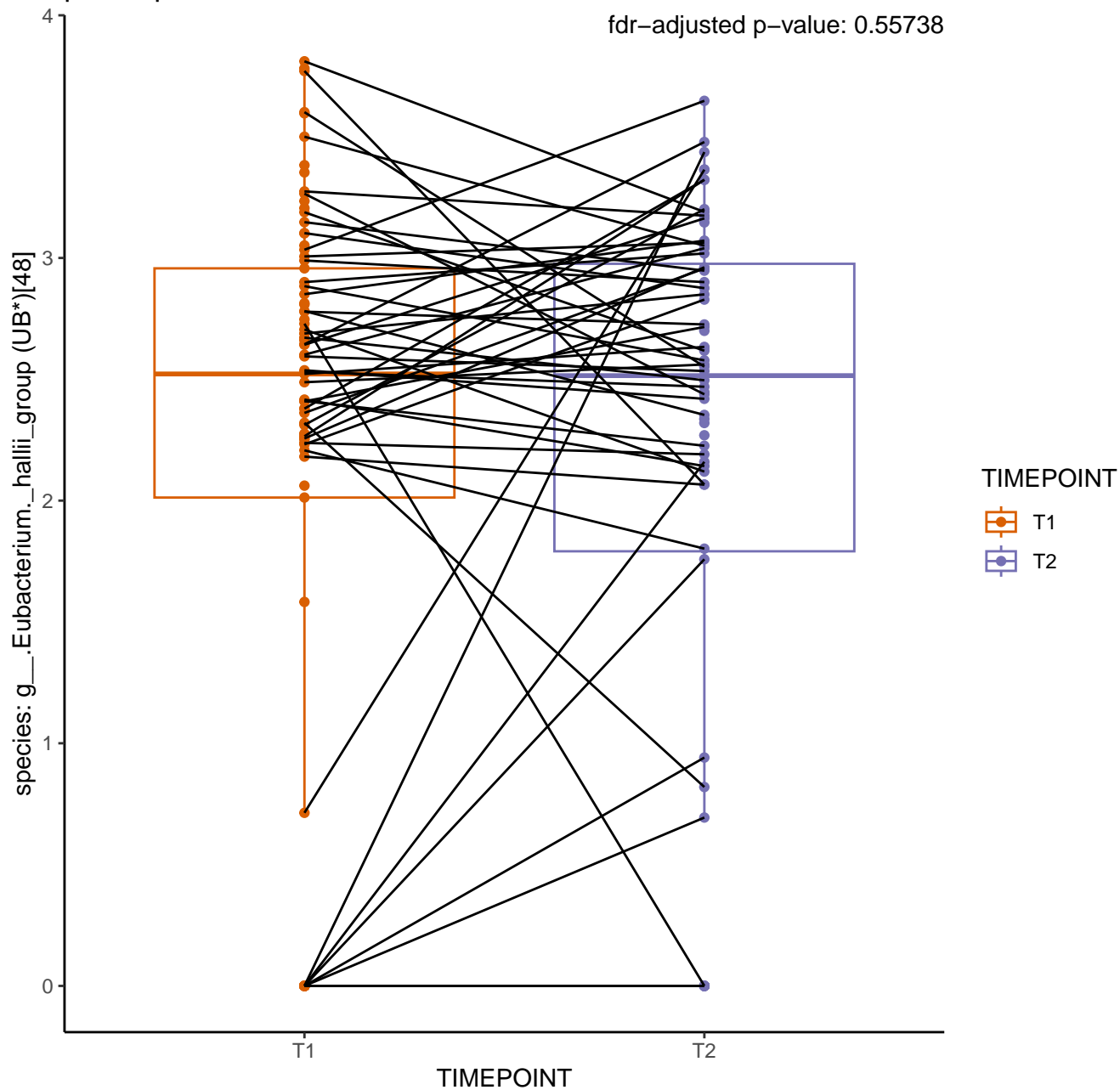
T1

T2



paired p-value: 0.32686

fdr-adjusted p-value: 0.55738

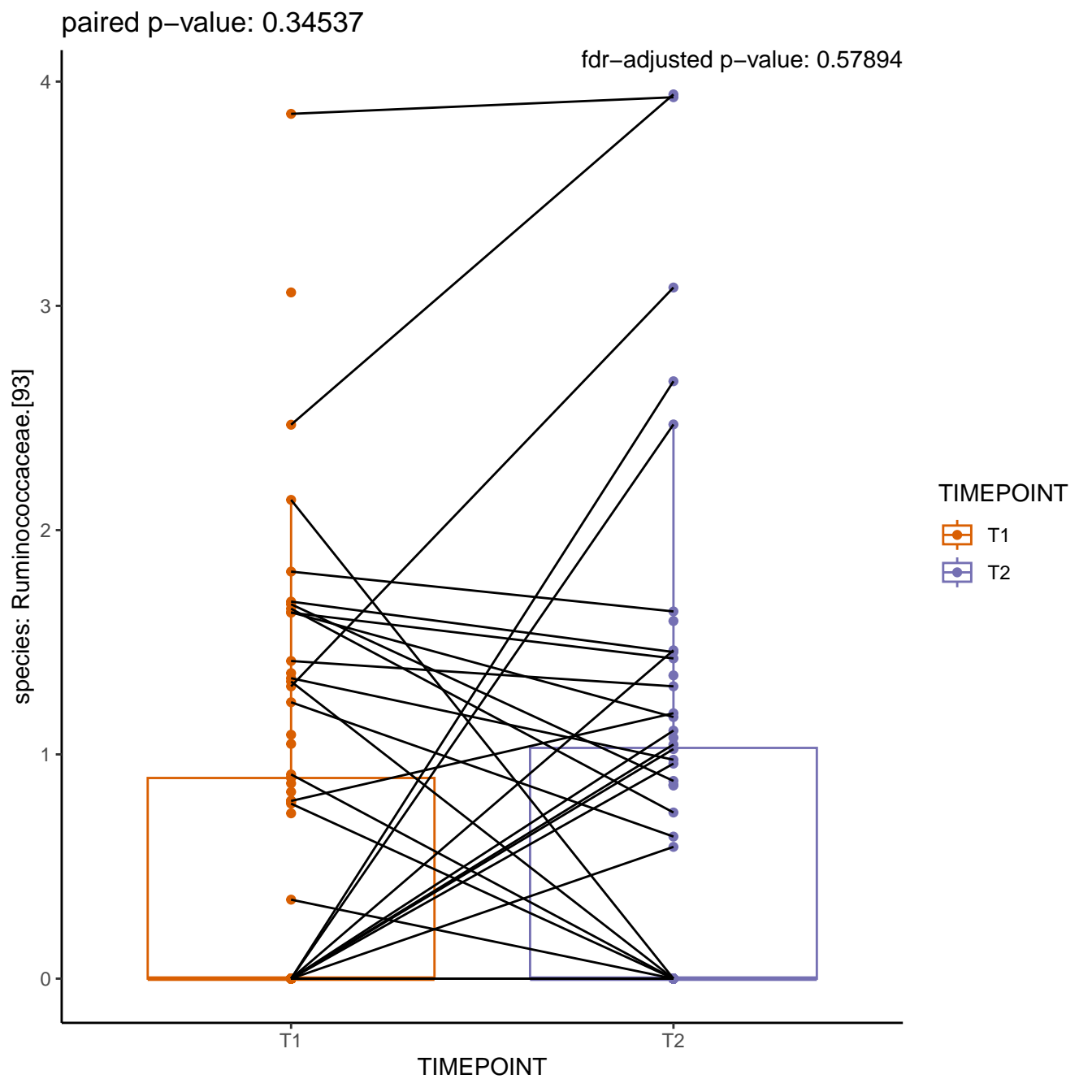


paired p-value: 0.34537

fdr-adjusted p-value: 0.57894

species: Ruminococcaceae.[93]

TIMEPOINT



paired p-value: 0.34665

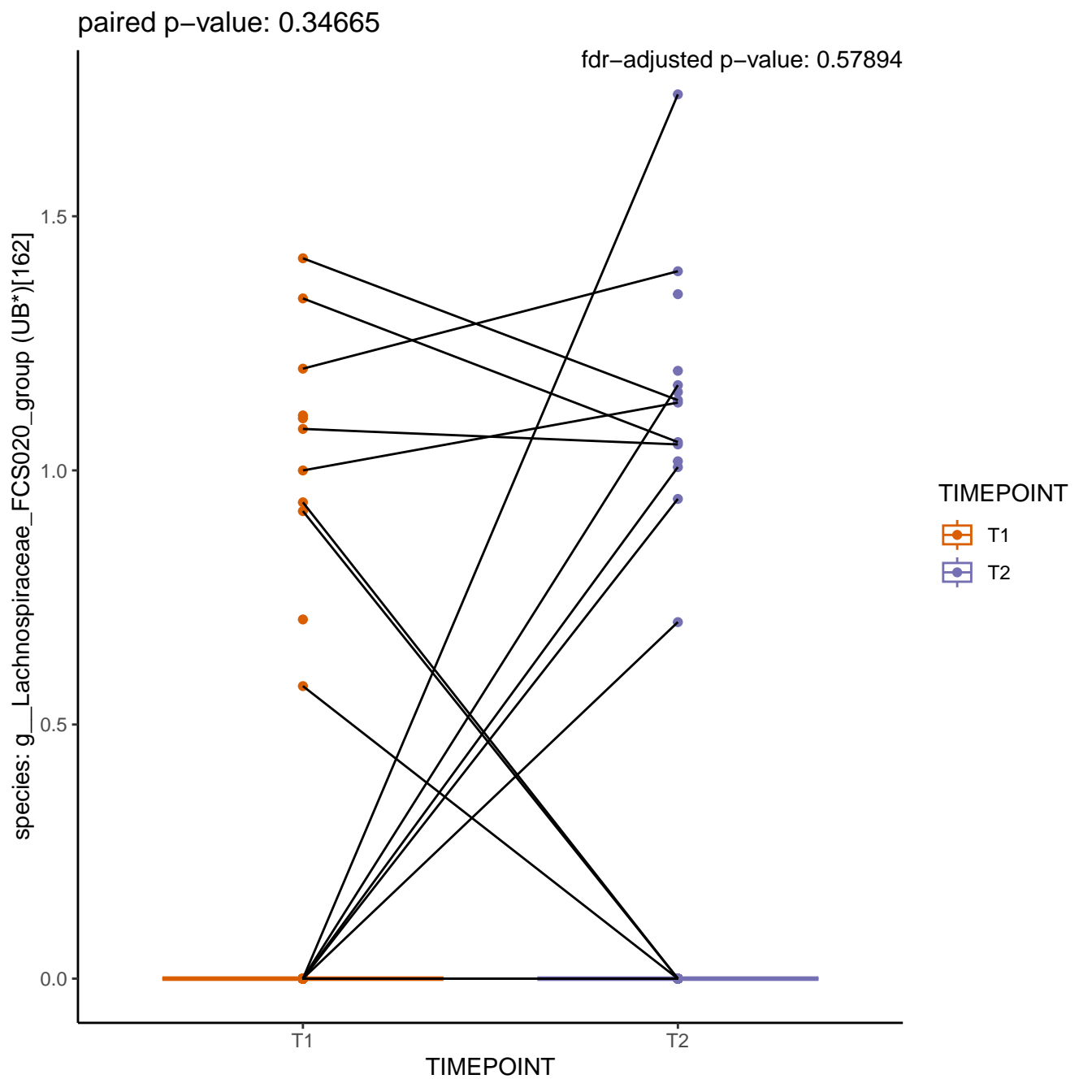
fdr-adjusted p-value: 0.57894

species: g__Lachnospiraceae_FCS020_group (UB*)[162]

TIMEPOINT

T1

T2



paired p-value: 0.3633

fdr-adjusted p-value: 0.59753

species: *Bifidobacterium_bifidum*[171]

TIMEPOINT

T1

T2

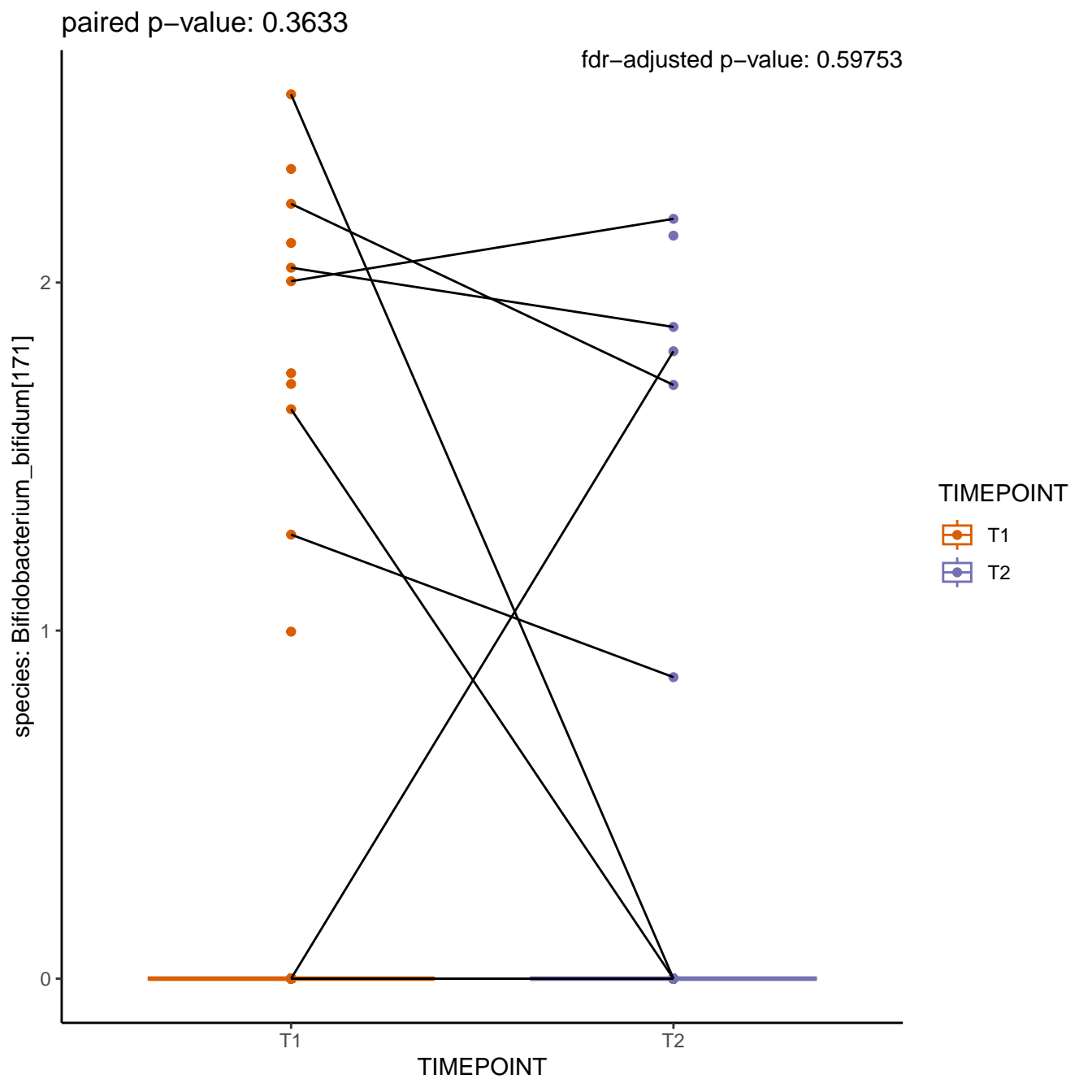
0

T1

TIMEPOINT

T2

2



paired p-value: 0.3699

fdr-adjusted p-value: 0.59753

species: *Veillonella*. [27]

TIMEPOINT

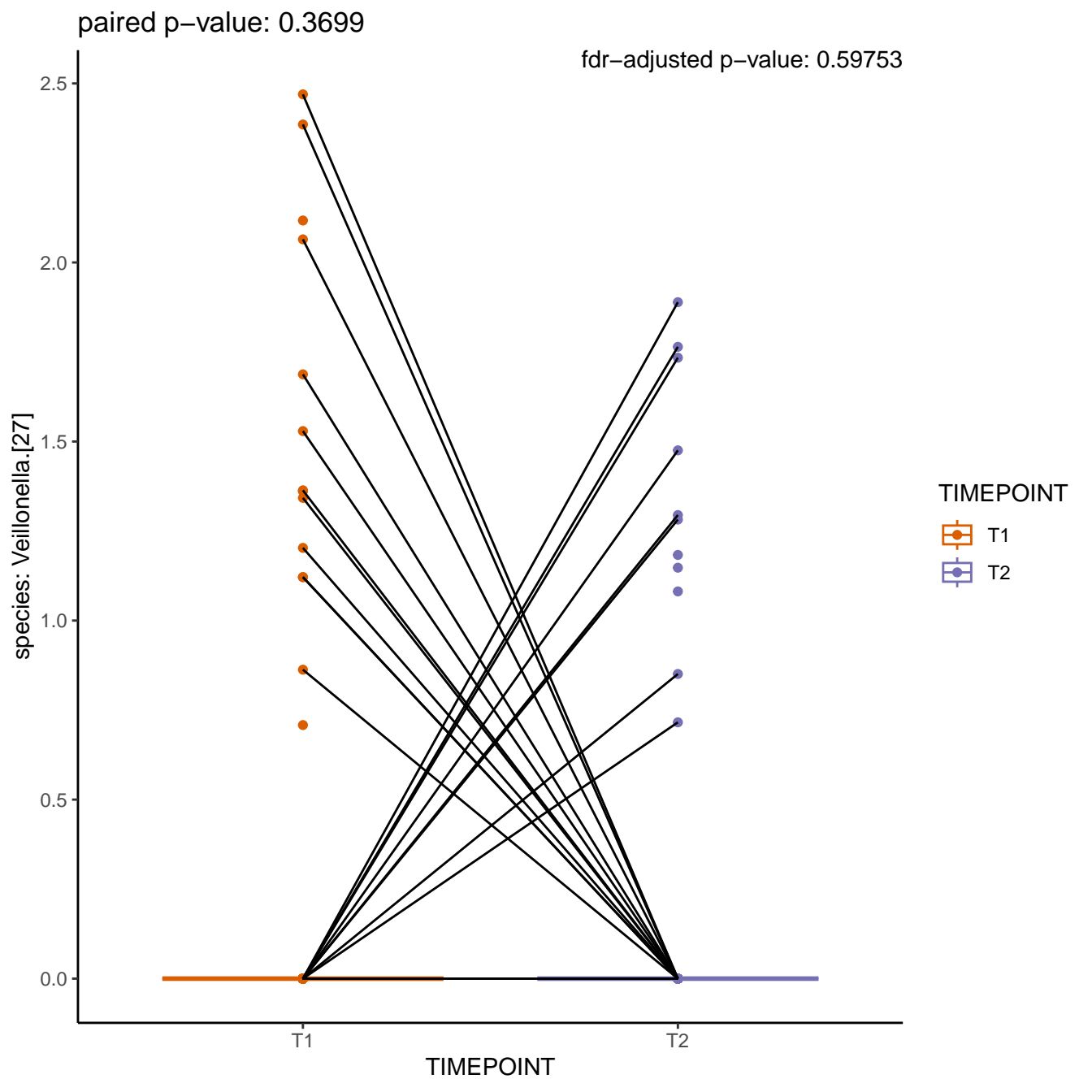
T1

T2

T1

T2

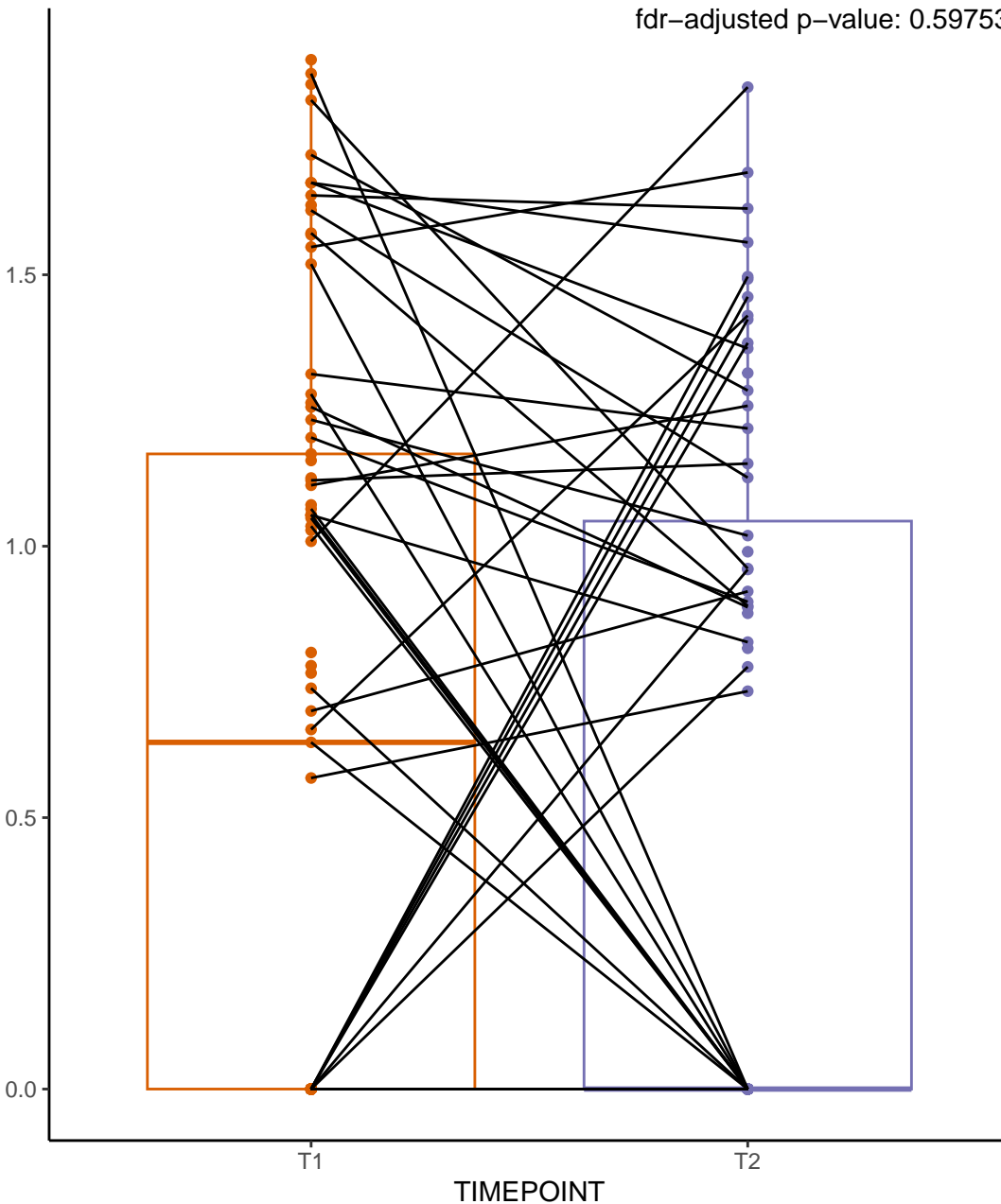
TIMEPOINT



paired p-value: 0.37072

fdr-adjusted p-value: 0.59753

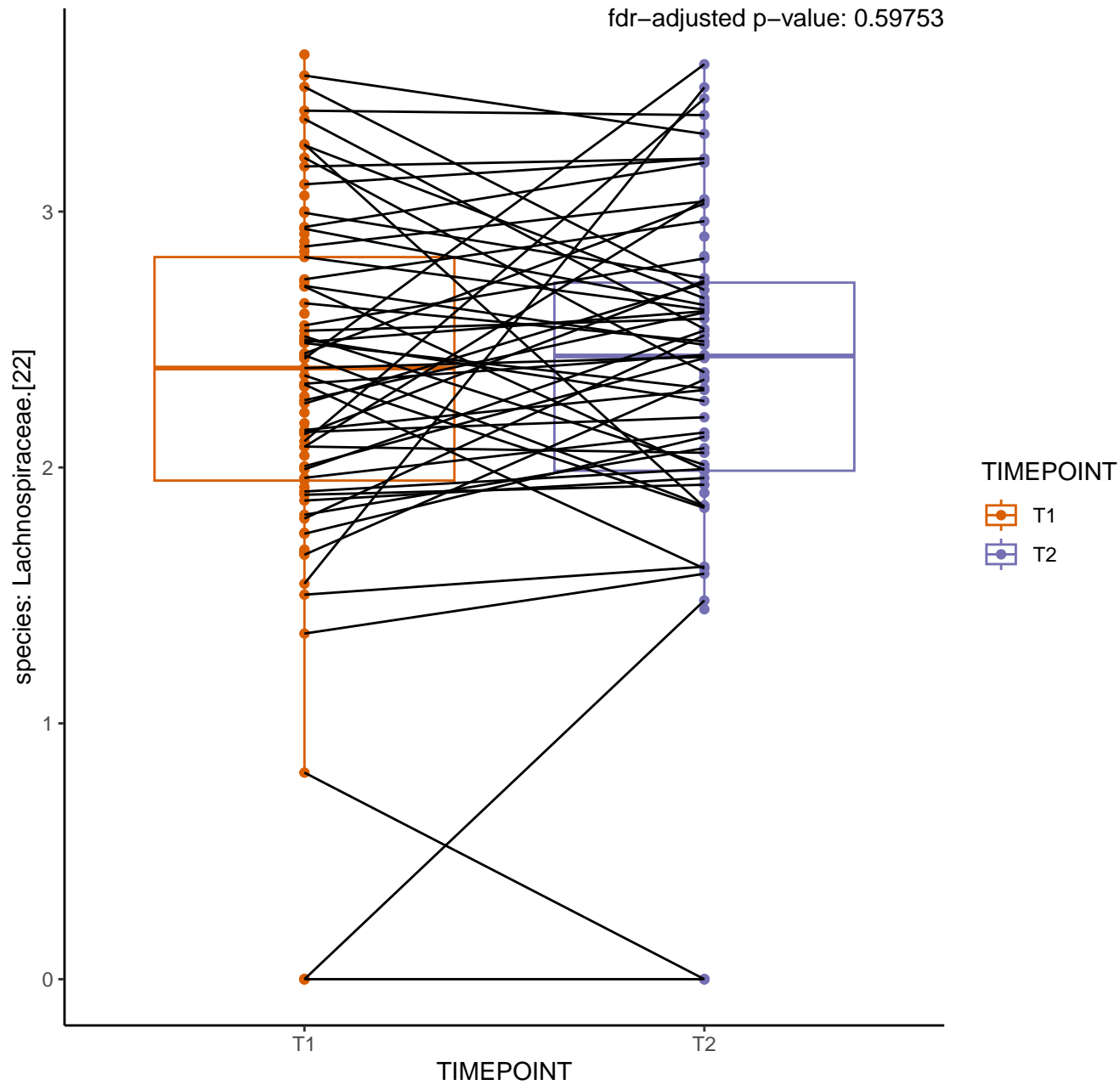
species: uncultured_organism[148]



paired p-value: 0.37495

fdr-adjusted p-value: 0.59753

species: Lachnospiraceae.[22]



paired p-value: 0.37622

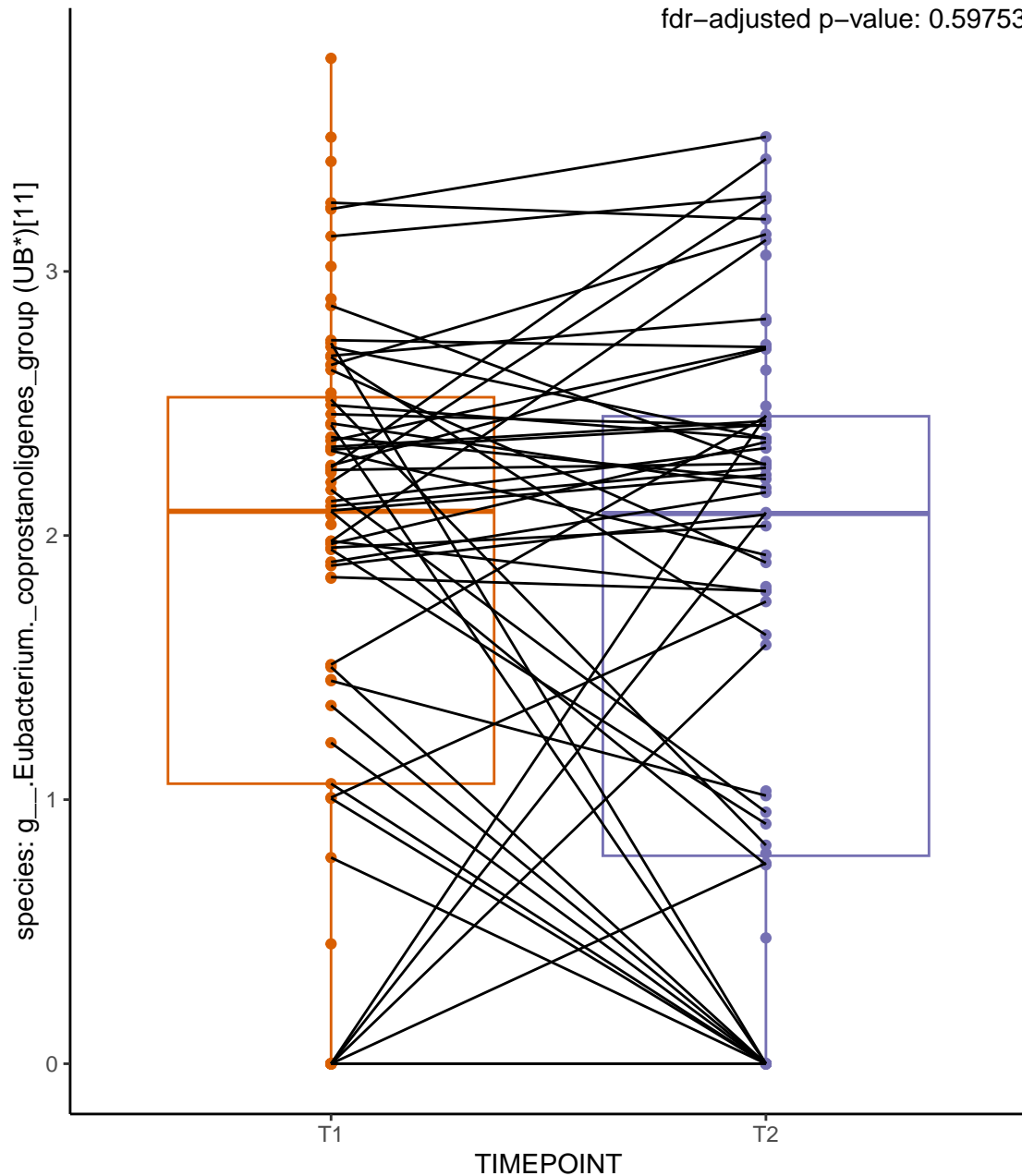
fdr-adjusted p-value: 0.59753

species: g__Eubacterium_coprostanoligenes_group (UB*)[11]

TIMEPOINT

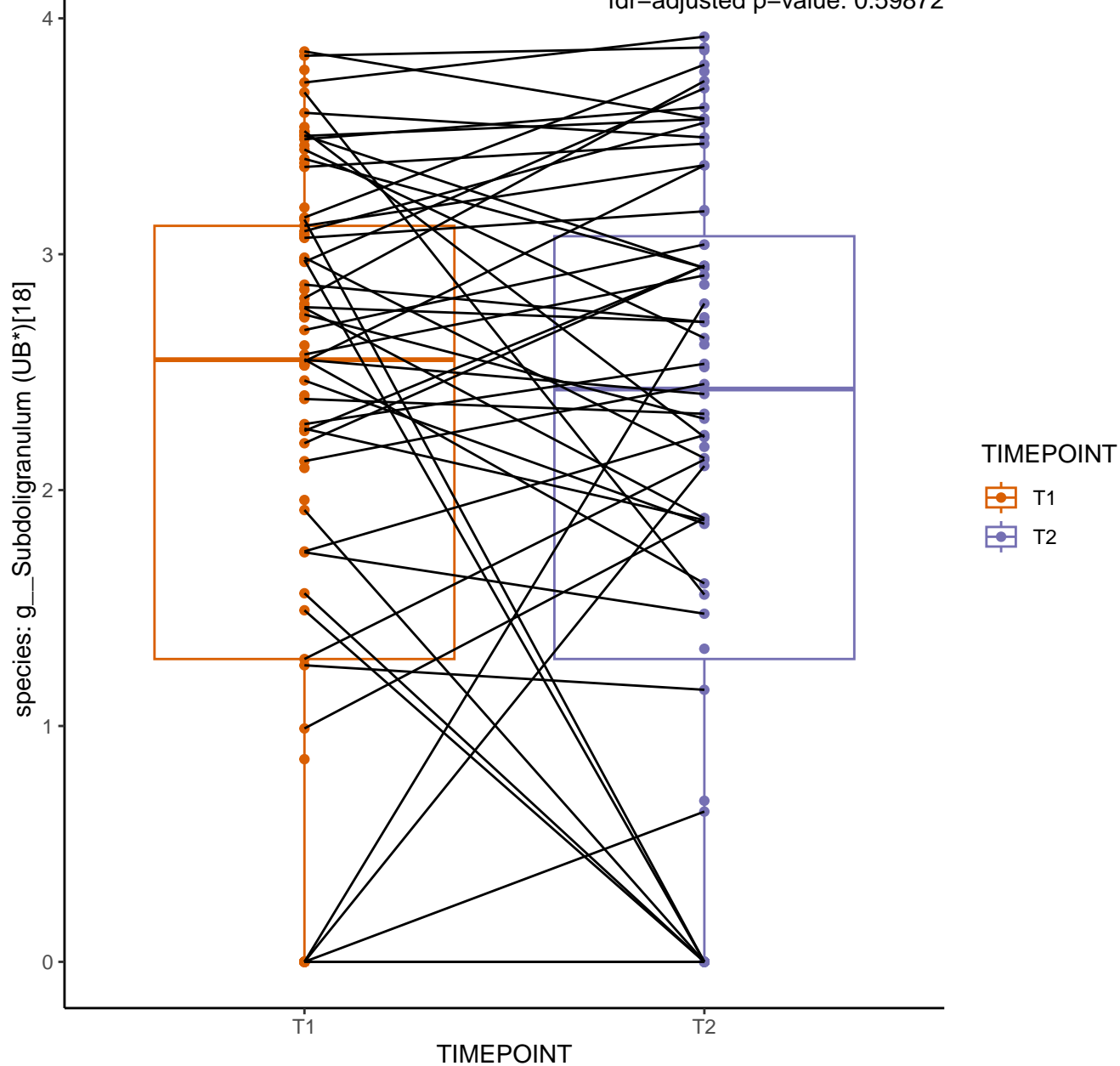
T1

T2



paired p-value: 0.38067

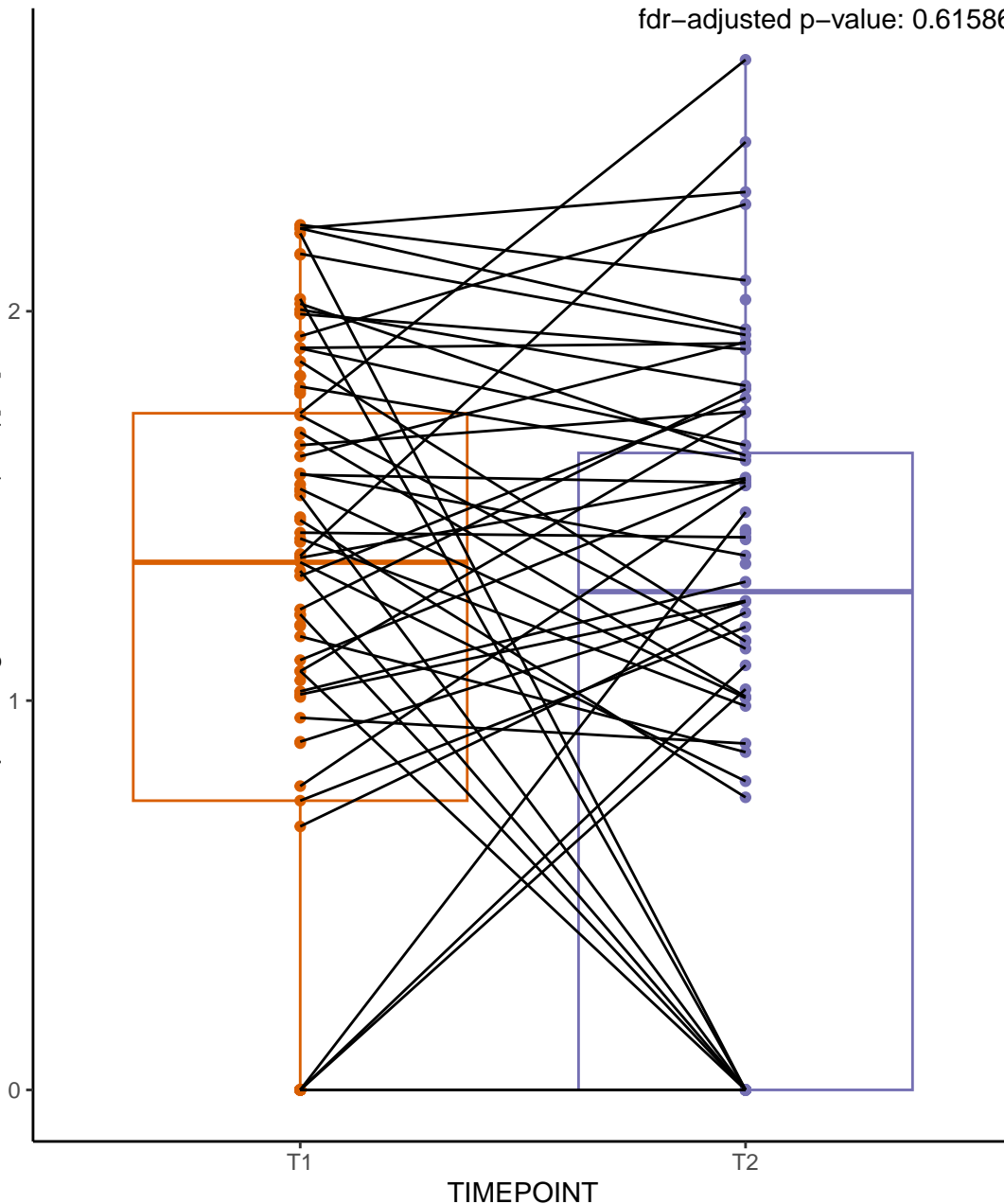
fdr-adjusted p-value: 0.59872



paired p-value: 0.39537

fdr-adjusted p-value: 0.61586

species: g__uncultured (UB*) [61]



paired p-value: 0.41036

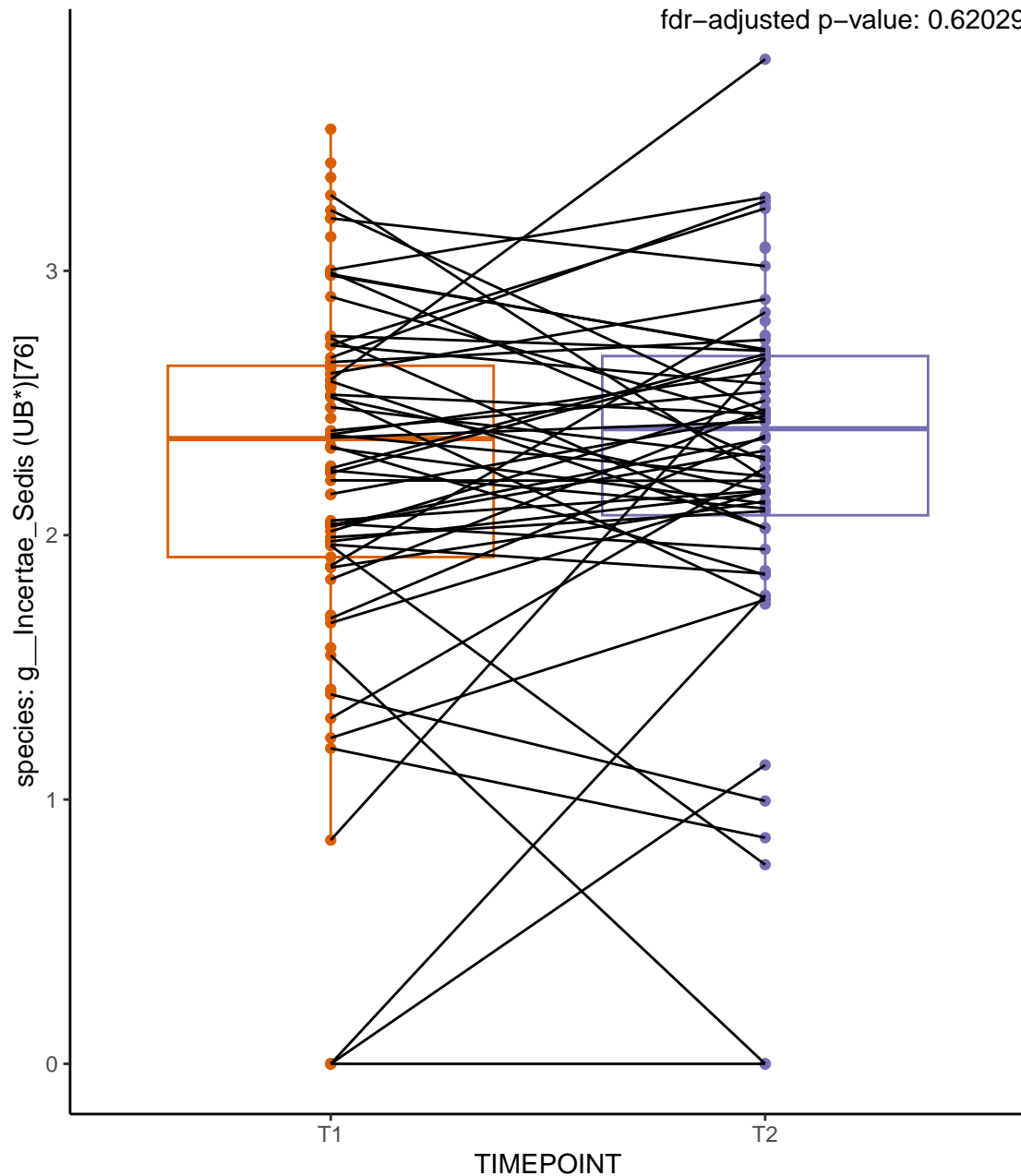
fdr-adjusted p-value: 0.62029

species: g__Incertae_Sedis (UB*)[76]

TIMEPOINT

T1

T2



paired p-value: 0.41116

fdr-adjusted p-value: 0.62029



TIMEPOINT

 T1 T2

T1

T2

TIMEPOINT

paired p-value: 0.41264

fdr-adjusted p-value: 0.62029

species: Faecalibacterium.[14]

TIMEPOINT

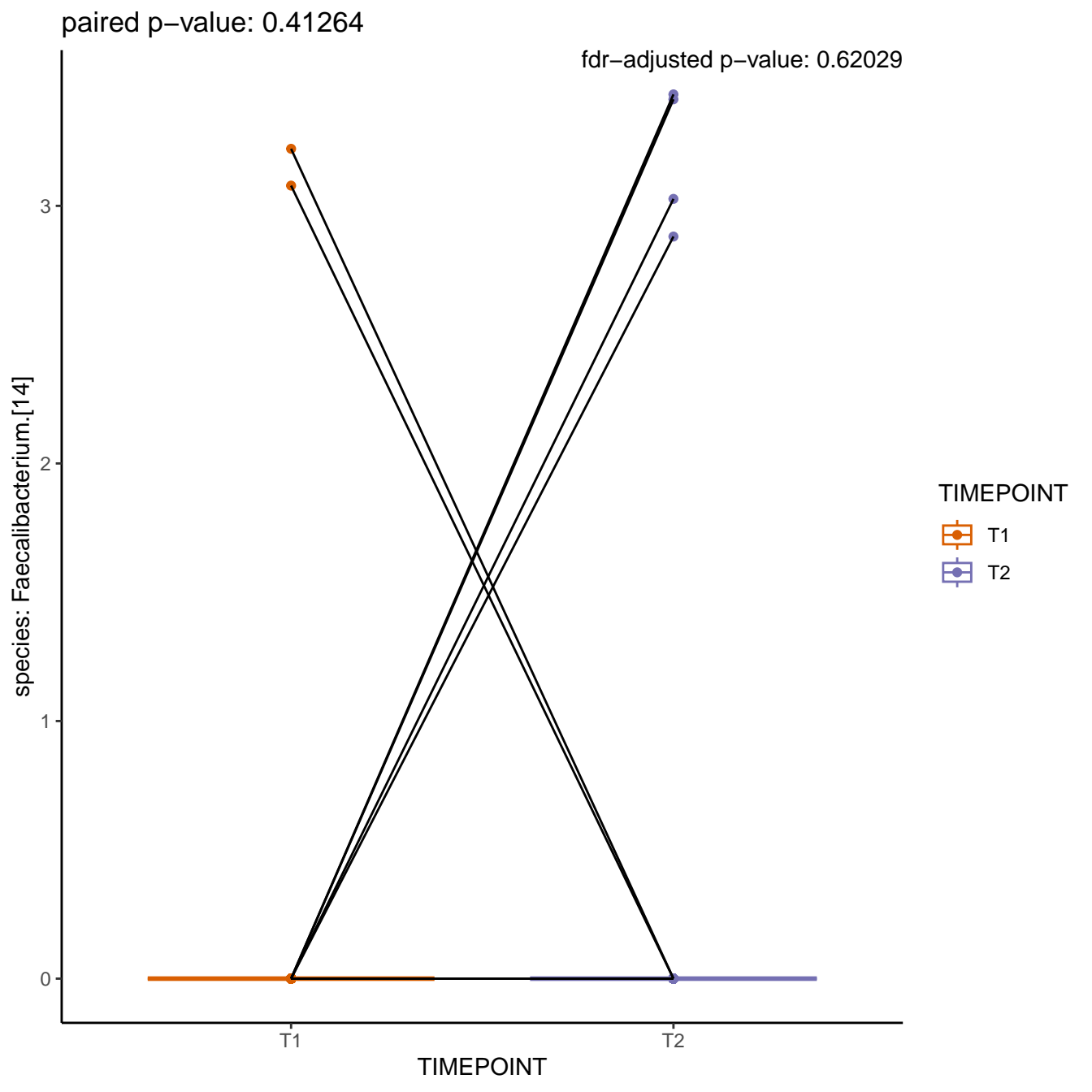
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.41352

fdr-adjusted p-value: 0.62029

species: g__Eubacterium_brachy_group (UB*)[10]

1.5

1.0

0.5

0.0

T1

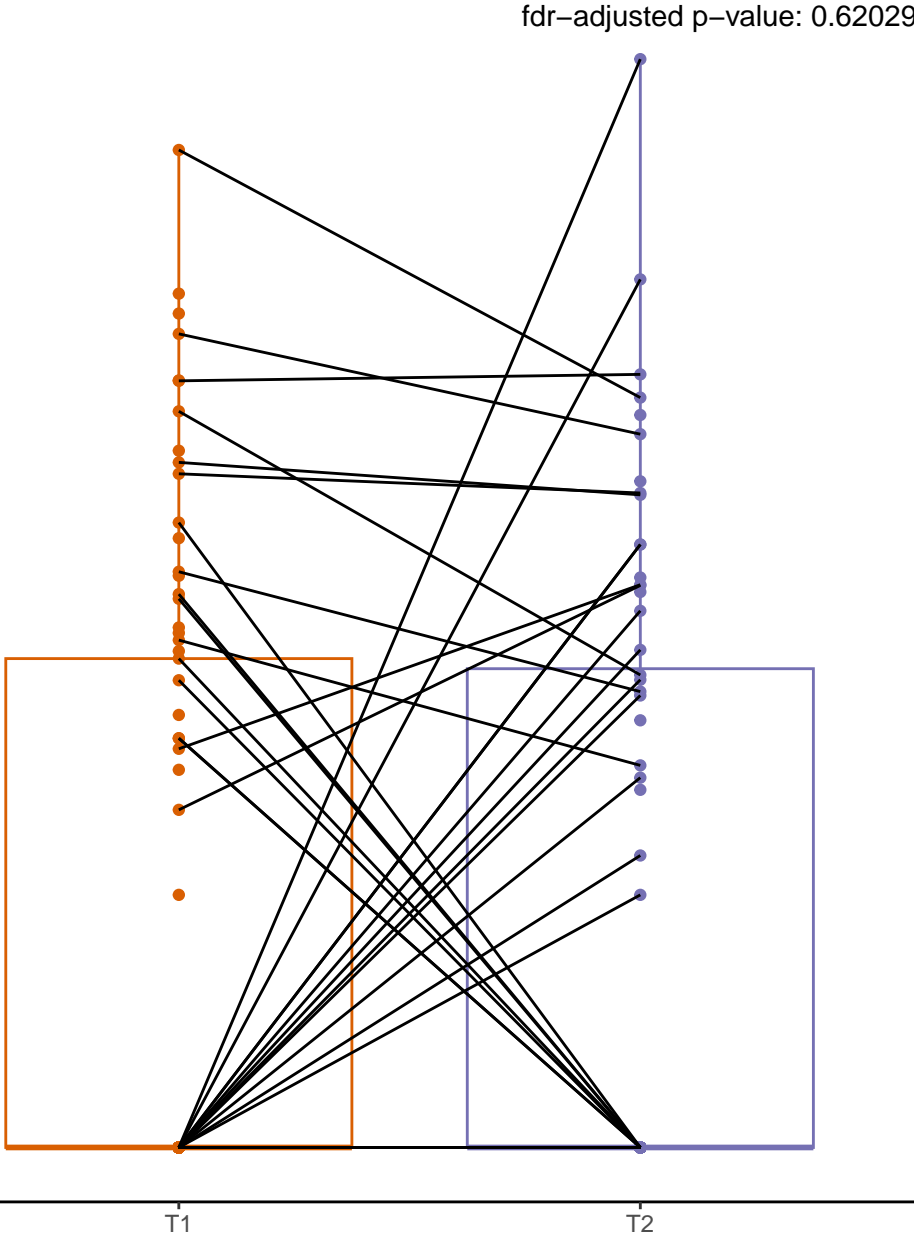
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.42726

fdr-adjusted p-value: 0.63068

species: Family_XIII_AD3011_group.[64]

TIMEPOINT

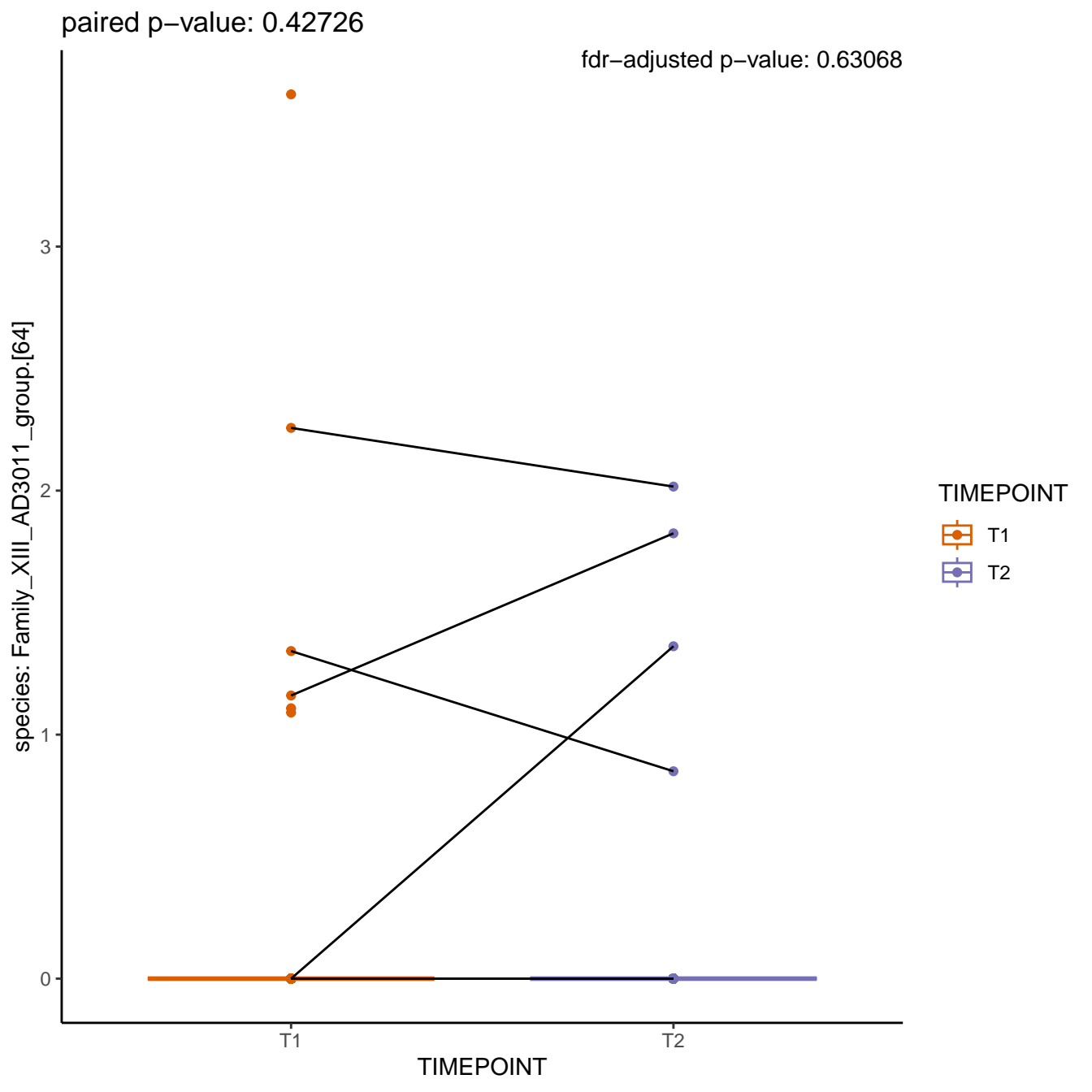
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.42824

fdr-adjusted p-value: 0.63068

species: g__Eubacterium._ventriosum_group (UB*)[166]

TIMEPOINT

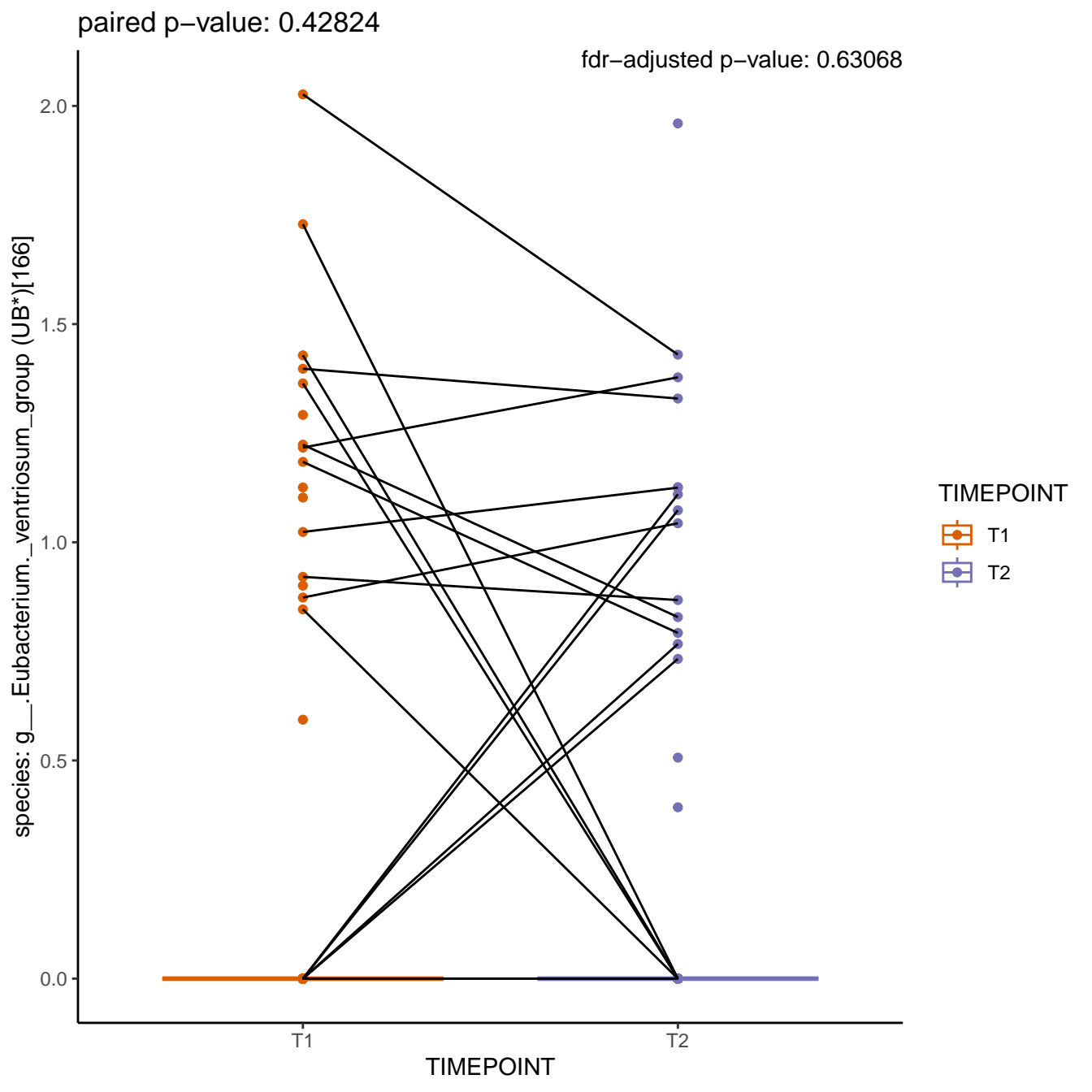
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.43848

fdr-adjusted p-value: 0.63994

species: g__Eubacterium_eligens_group (UB*)[63]

2.5
2.0
1.5
1.0
0.5
0.0

T1

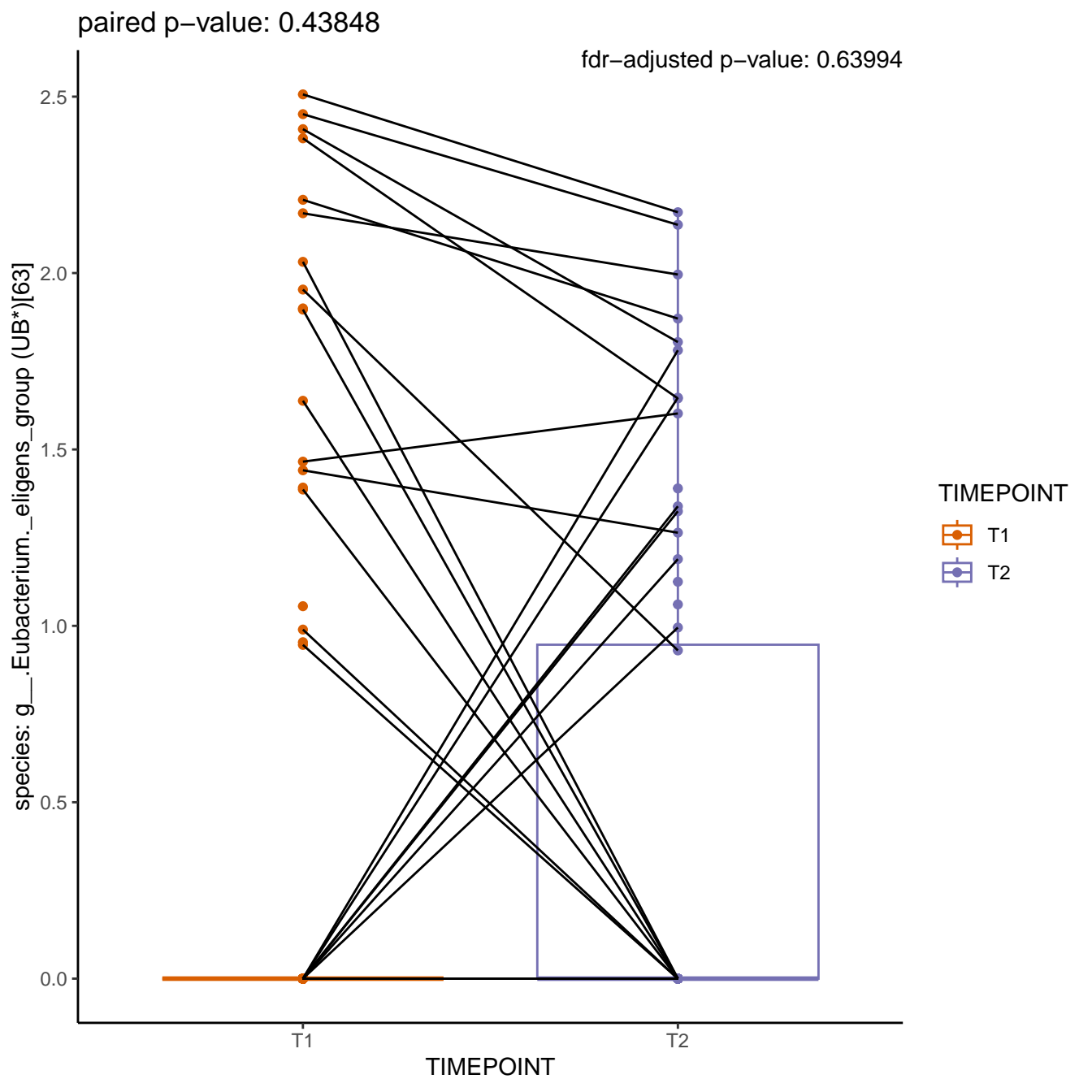
T2

TIMEPOINT

TIMEPOINT

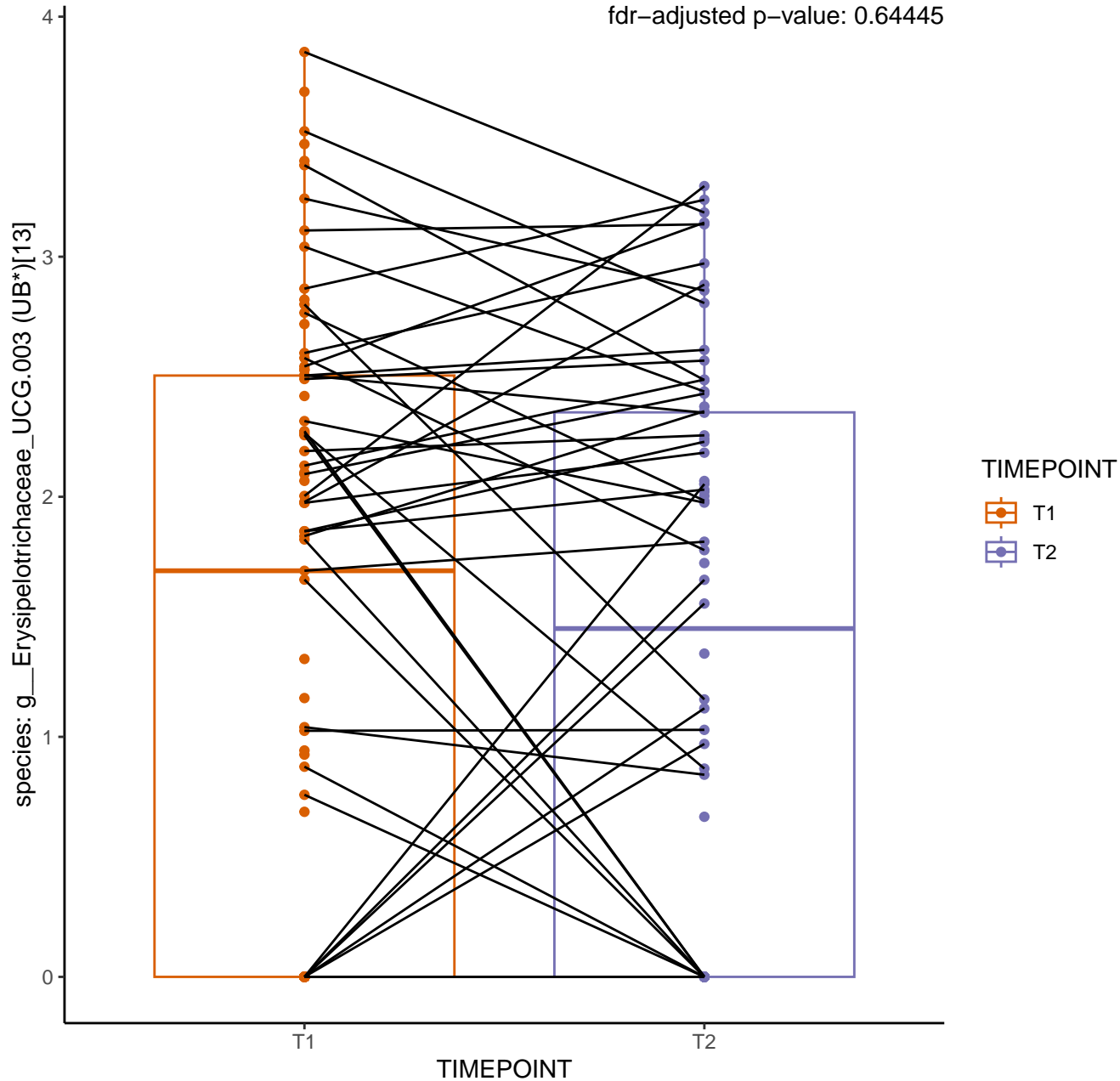
T1

T2



paired p-value: 0.44555

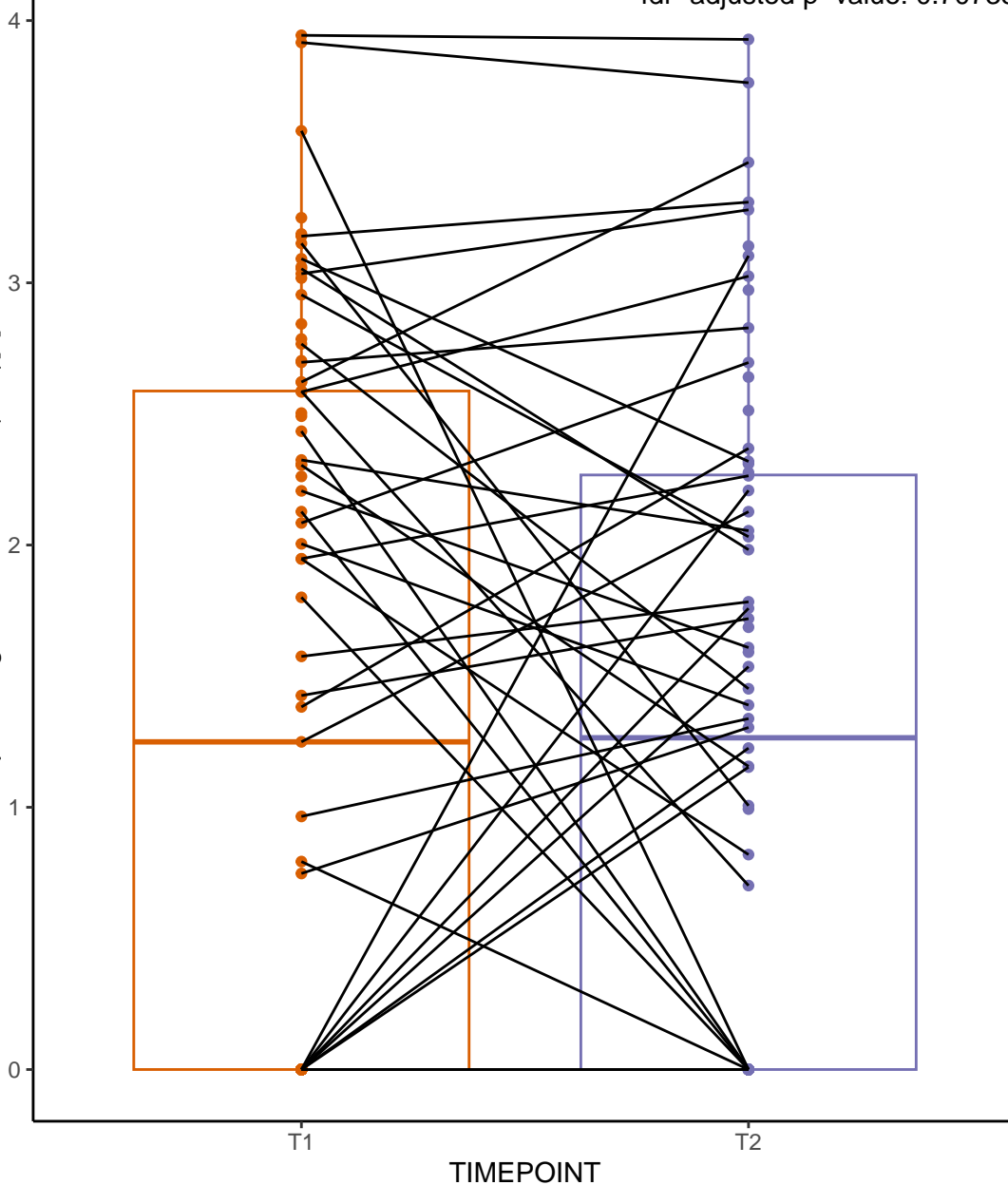
fdr-adjusted p-value: 0.64445



paired p-value: 0.49338

fdr-adjusted p-value: 0.70733

species: g__Ruminococcus (UB*)[3]



paired p-value: 0.51196

fdr-adjusted p-value: 0.72752

species: *Desulfovibrio*. [95]

TIMEPOINT

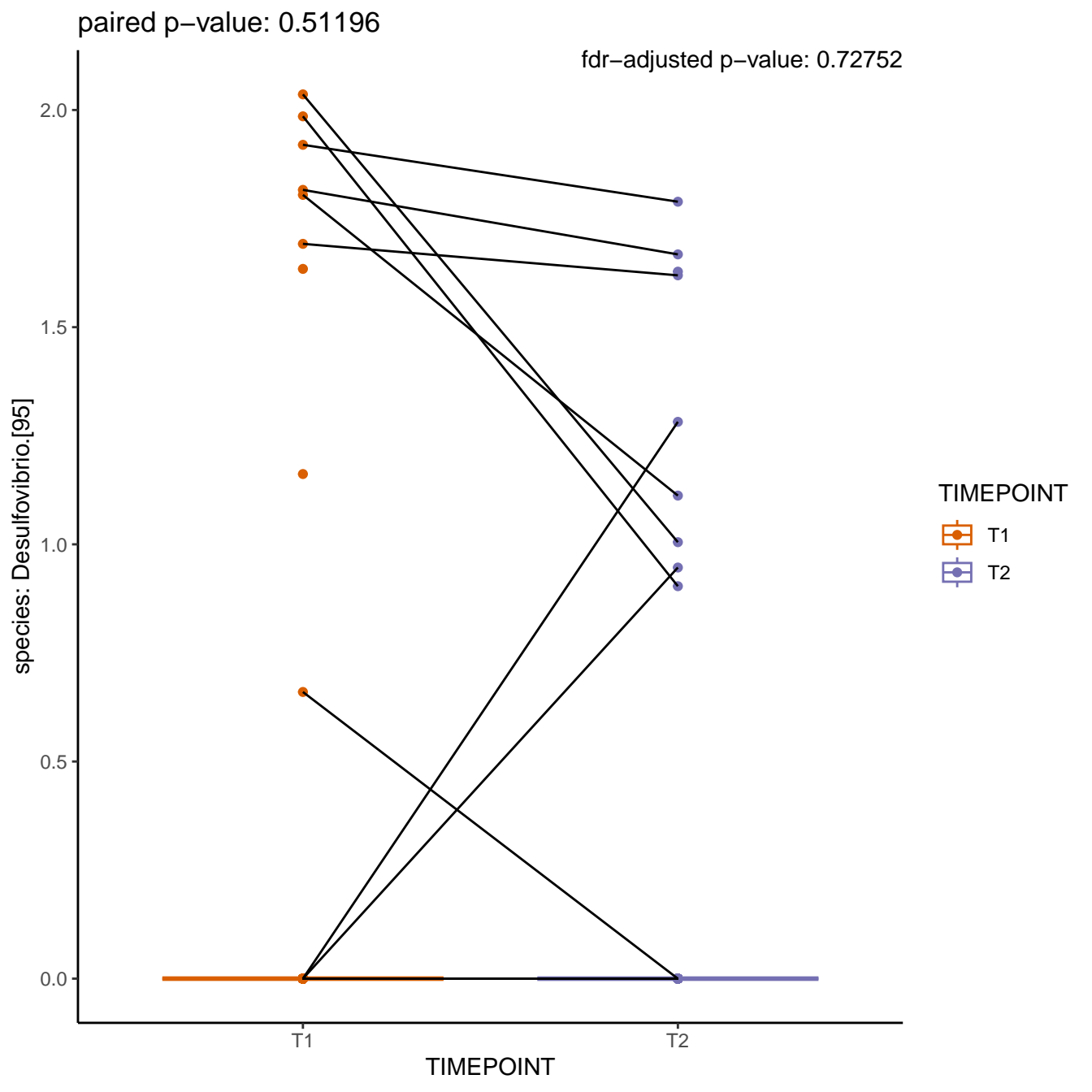
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.52275

fdr-adjusted p-value: 0.73042

species: *Hungatella*.[131]

TIMEPOINT

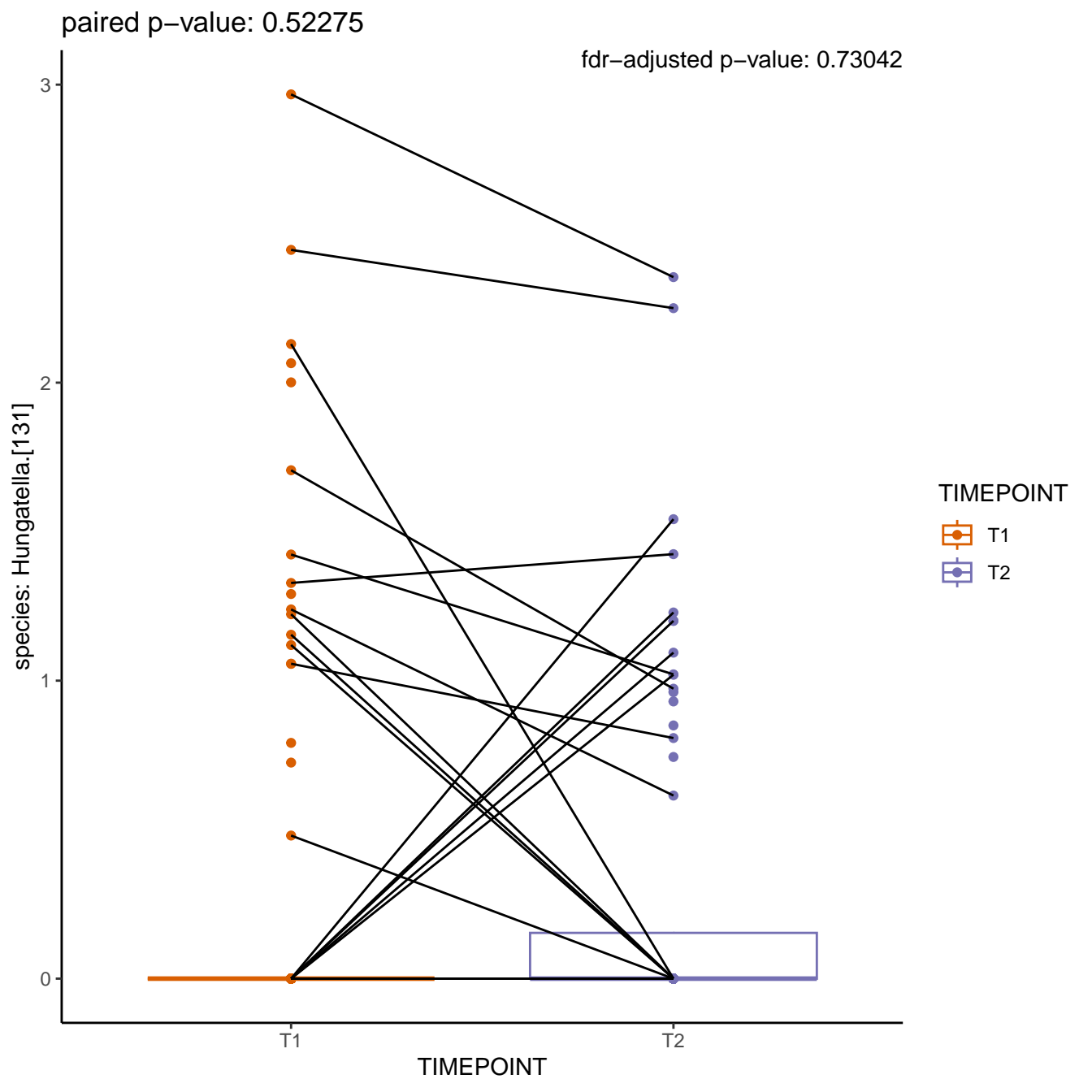
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.52302

fdr-adjusted p-value: 0.73042

species: g__Eubacterium__ruminantium_group (UB*)[129]

TIMEPOINT

T1

T2

0

T1

TIMEPOINT

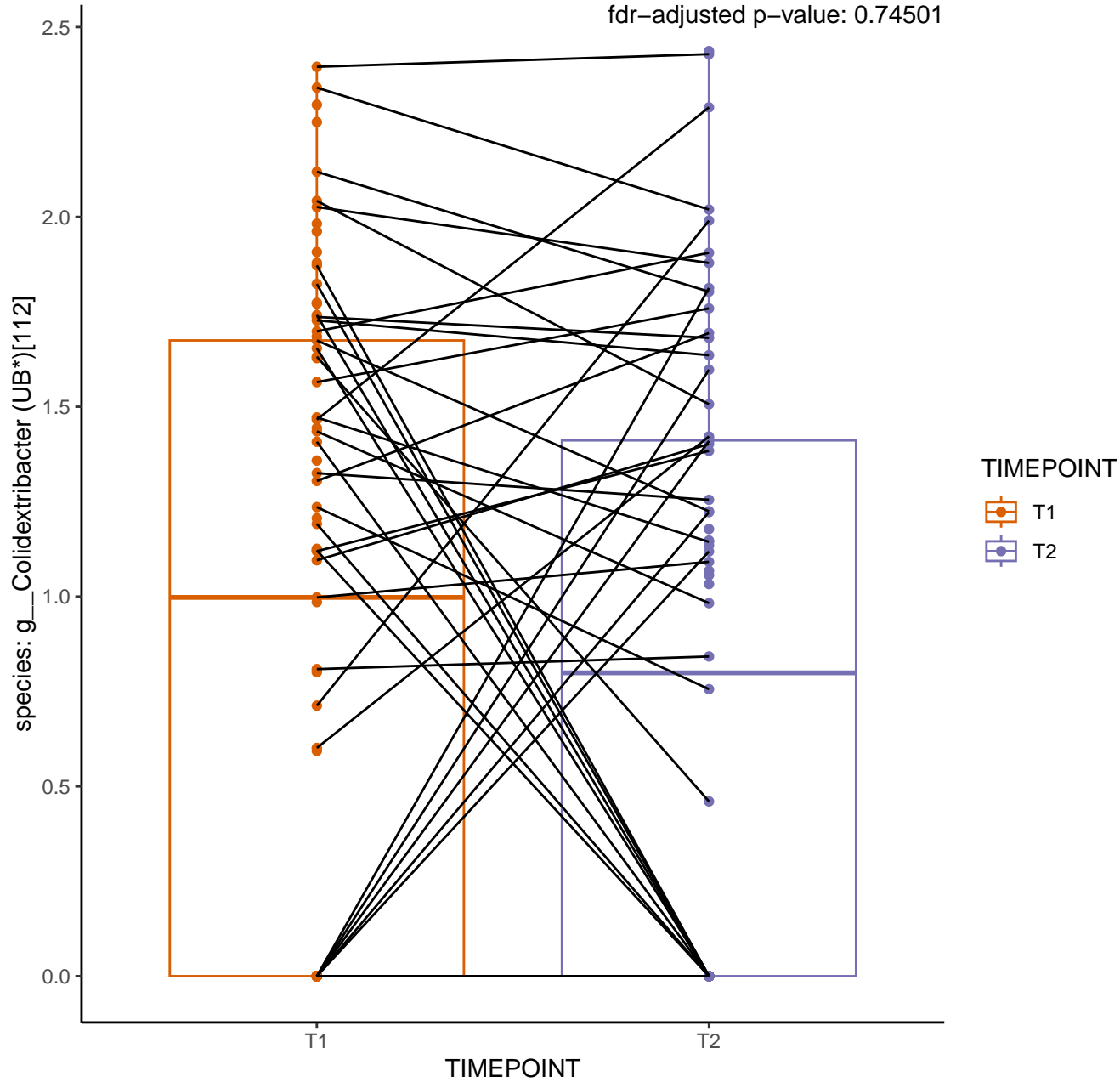
T2

1

2

paired p-value: 0.53806

fdr-adjusted p-value: 0.74501



paired p-value: 0.54814

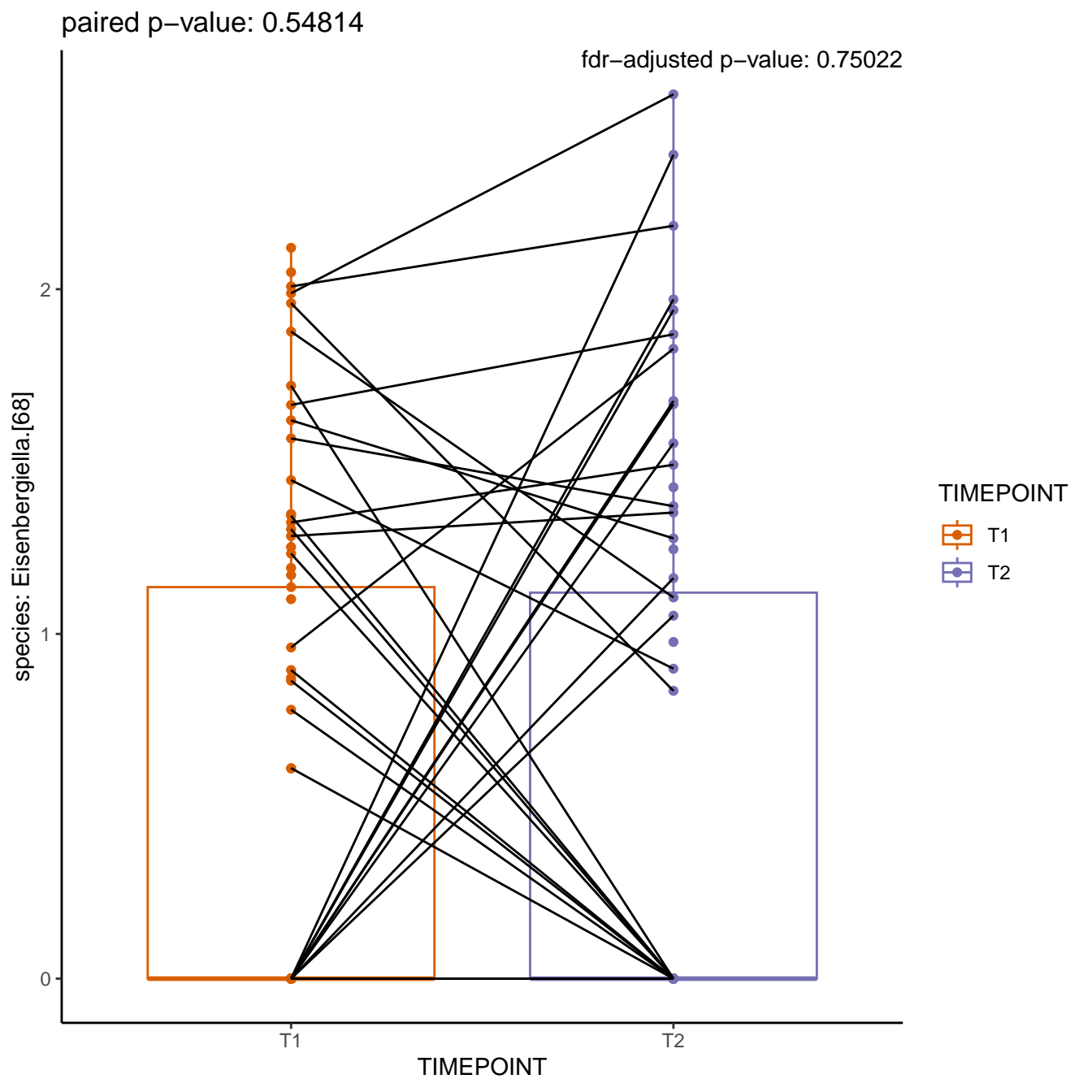
fdr-adjusted p-value: 0.75022

species: Eisenbergiella.[68]

TIMEPOINT

T1

T2



paired p-value: 0.55109

fdr-adjusted p-value: 0.75022

species: g__uncultured (UB*)[158]

TIMEPOINT

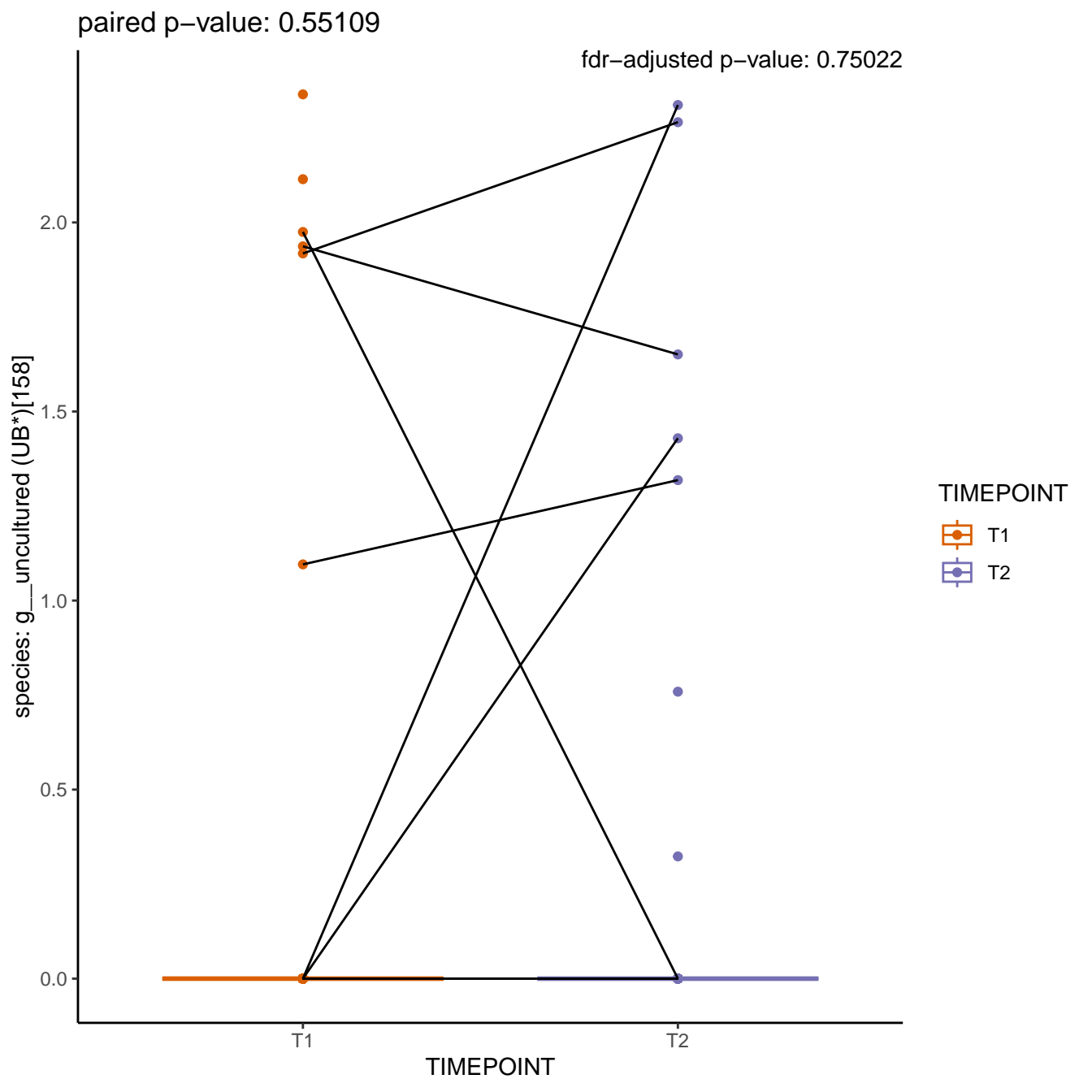
T1

T2

T1

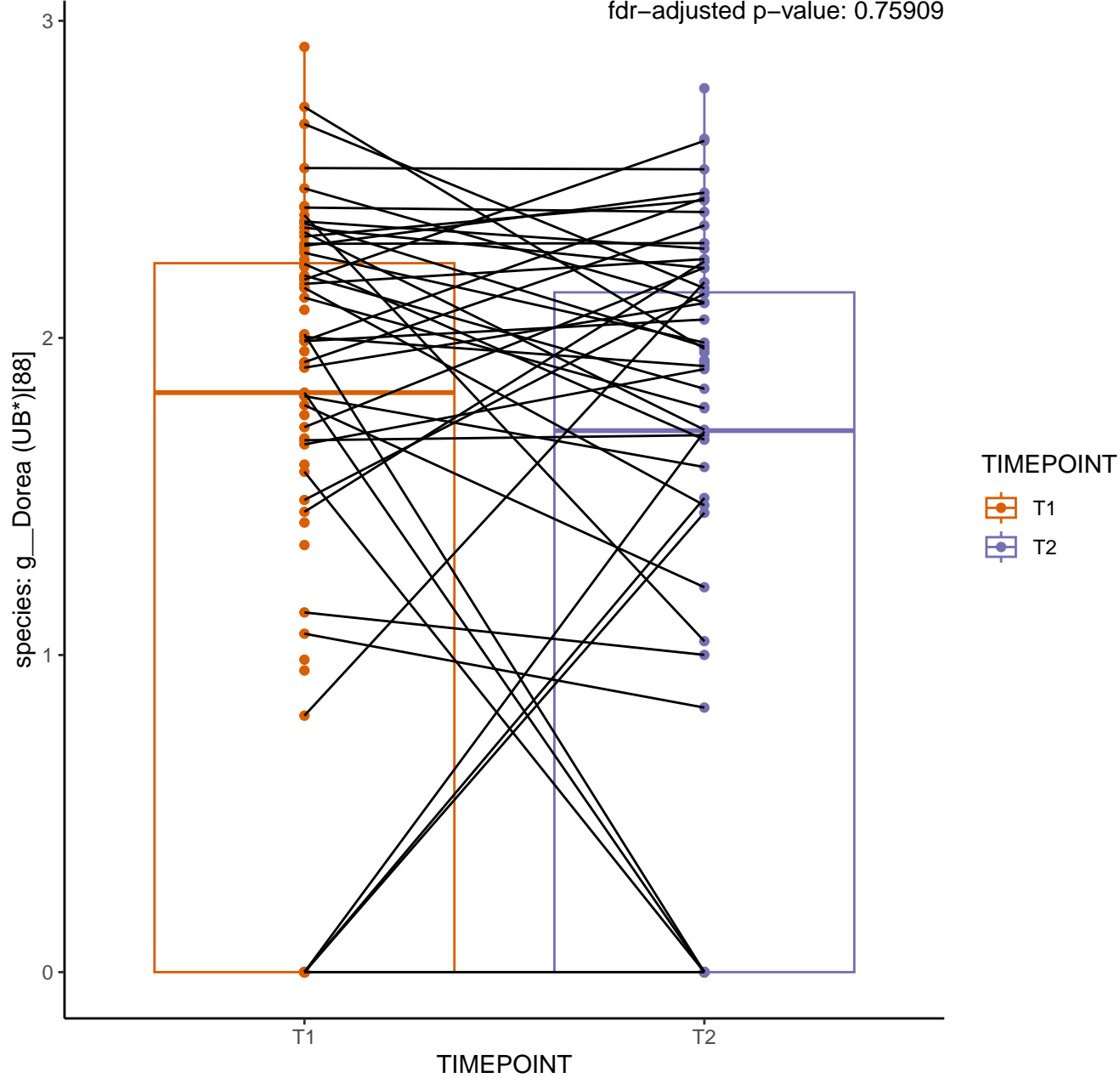
T2

TIMEPOINT



paired p-value: 0.56514

fdr-adjusted p-value: 0.75909



paired p-value: 0.56698

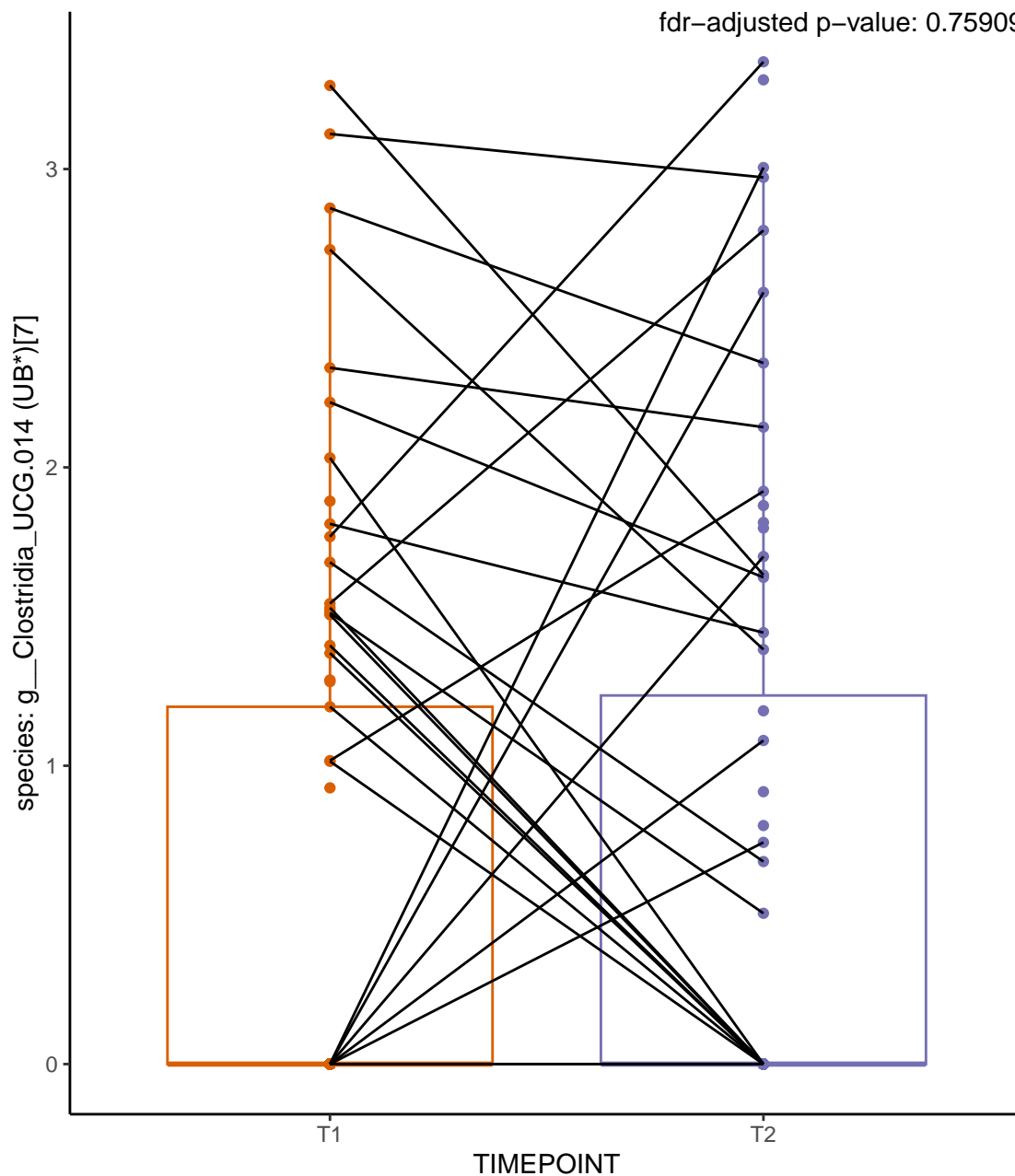
fdr-adjusted p-value: 0.75909

species: g__Clostridia_UCG.014 (UB*)[7]

TIMEPOINT

T1

T2



paired p-value: 0.57703

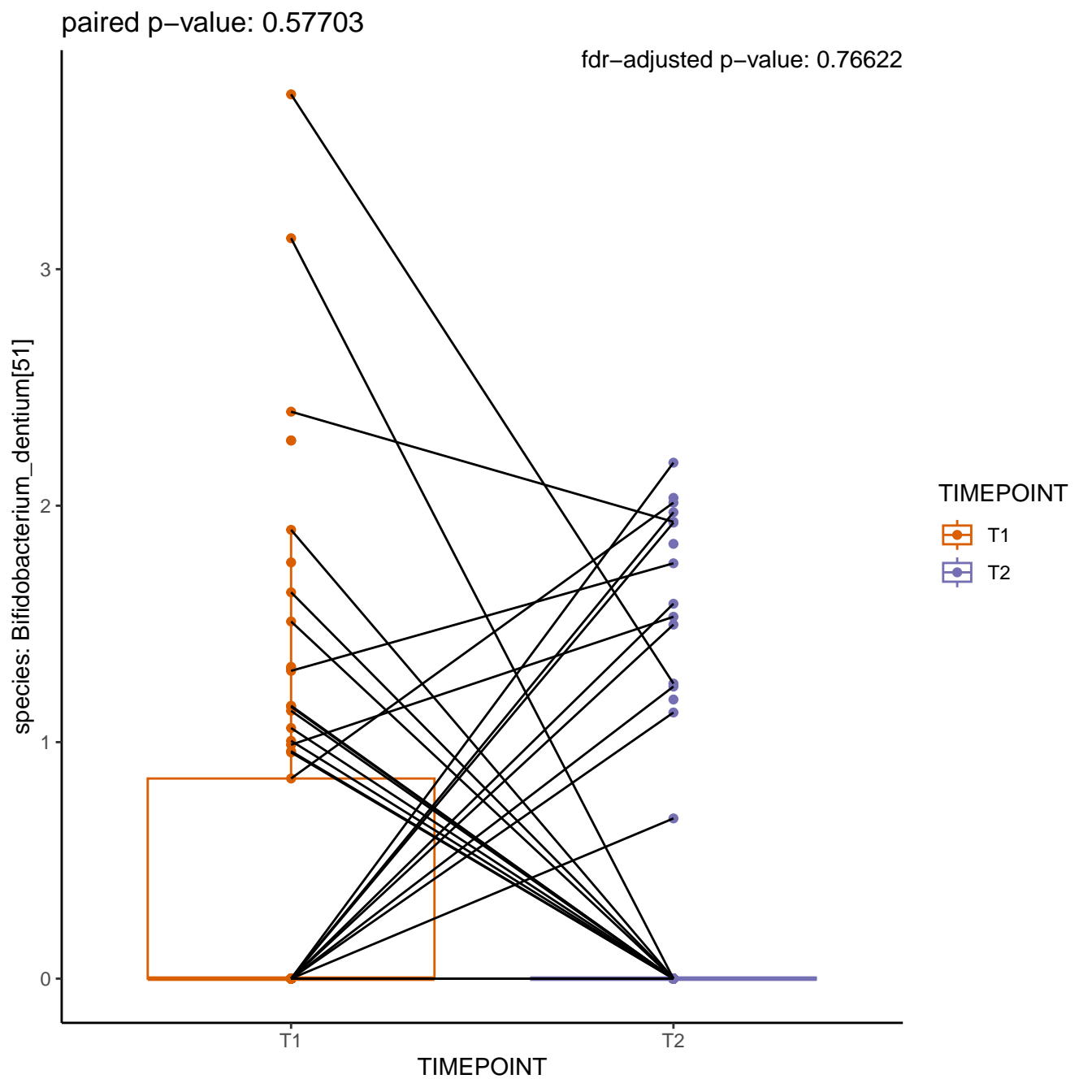
fdr-adjusted p-value: 0.76622

species: *Bifidobacterium_dentium*[51]

TIMEPOINT

T1

T2



paired p-value: 0.59122

fdr-adjusted p-value: 0.77868

species: Cloacibacillus.[173]

TIMEPOINT

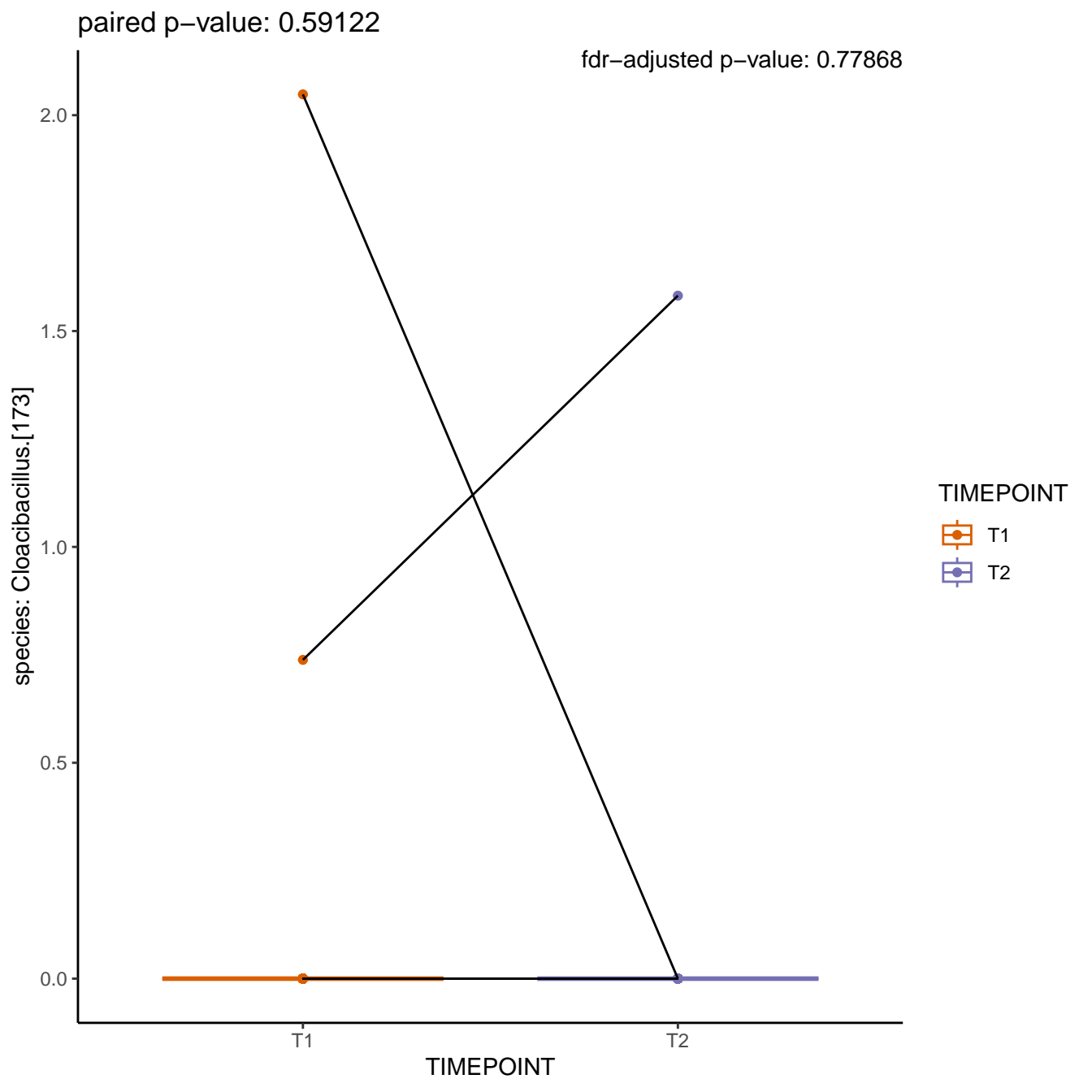
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.59886

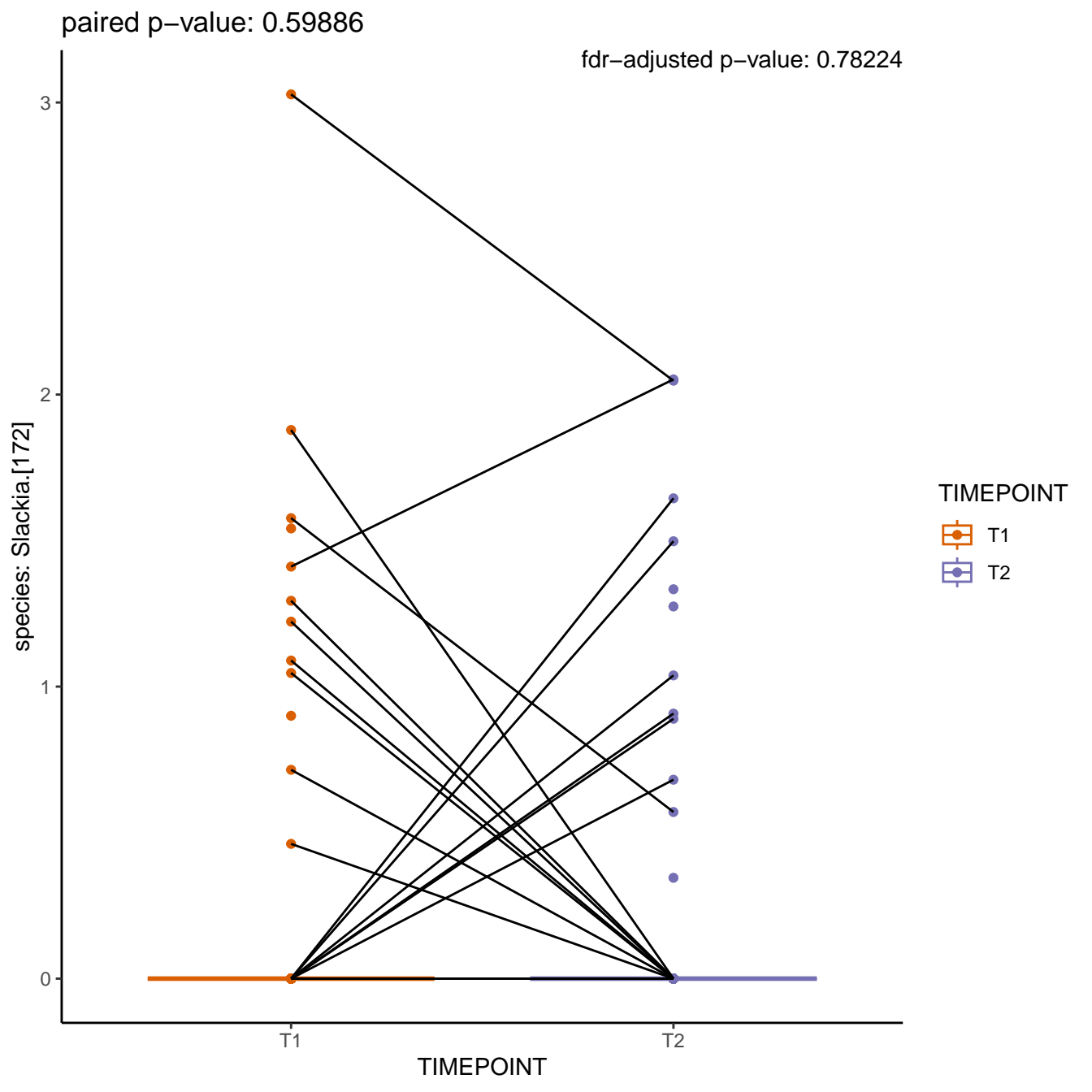
fdr-adjusted p-value: 0.78224

species: Slackia.[172]

TIMEPOINT

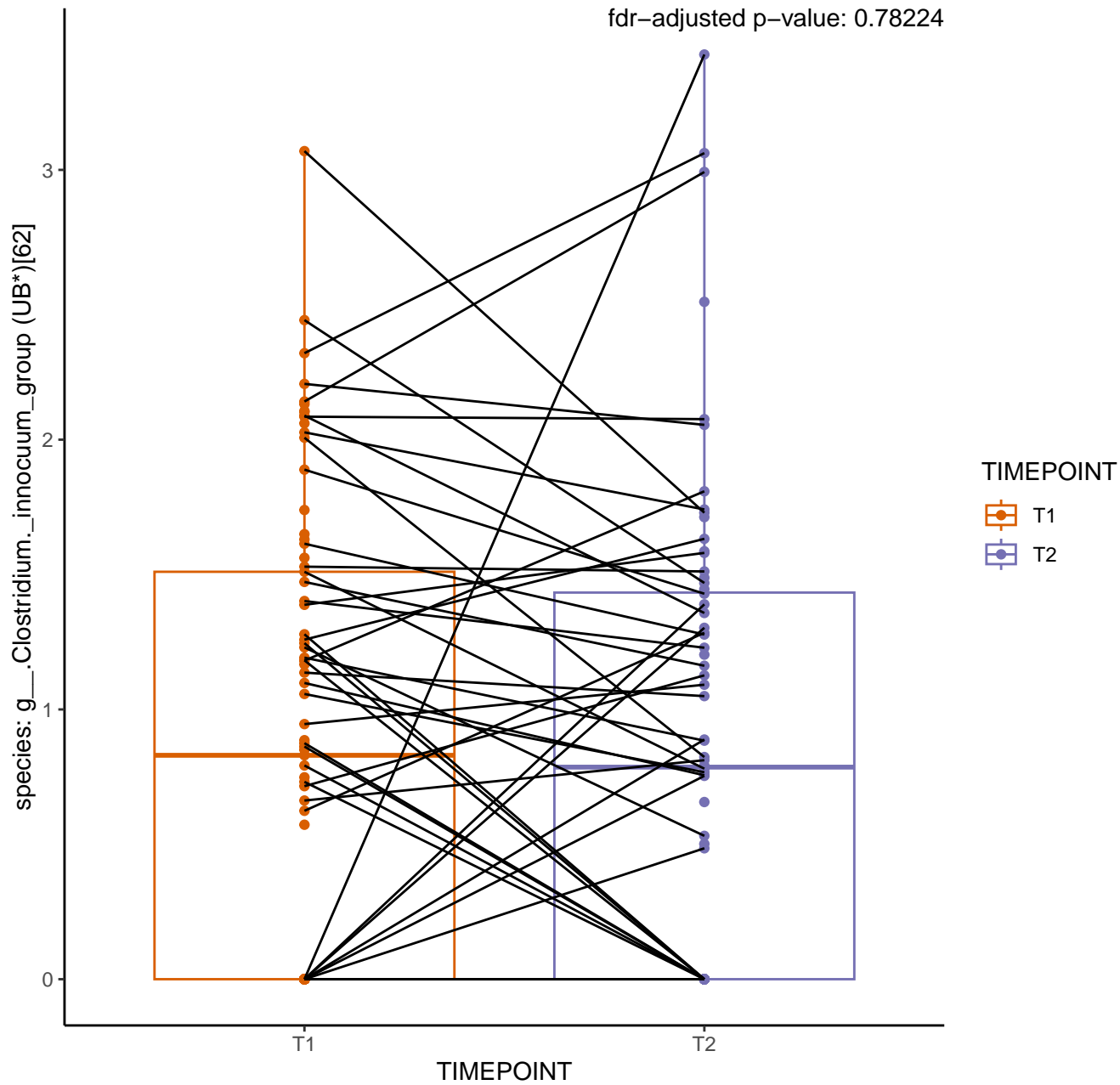
T1

T2



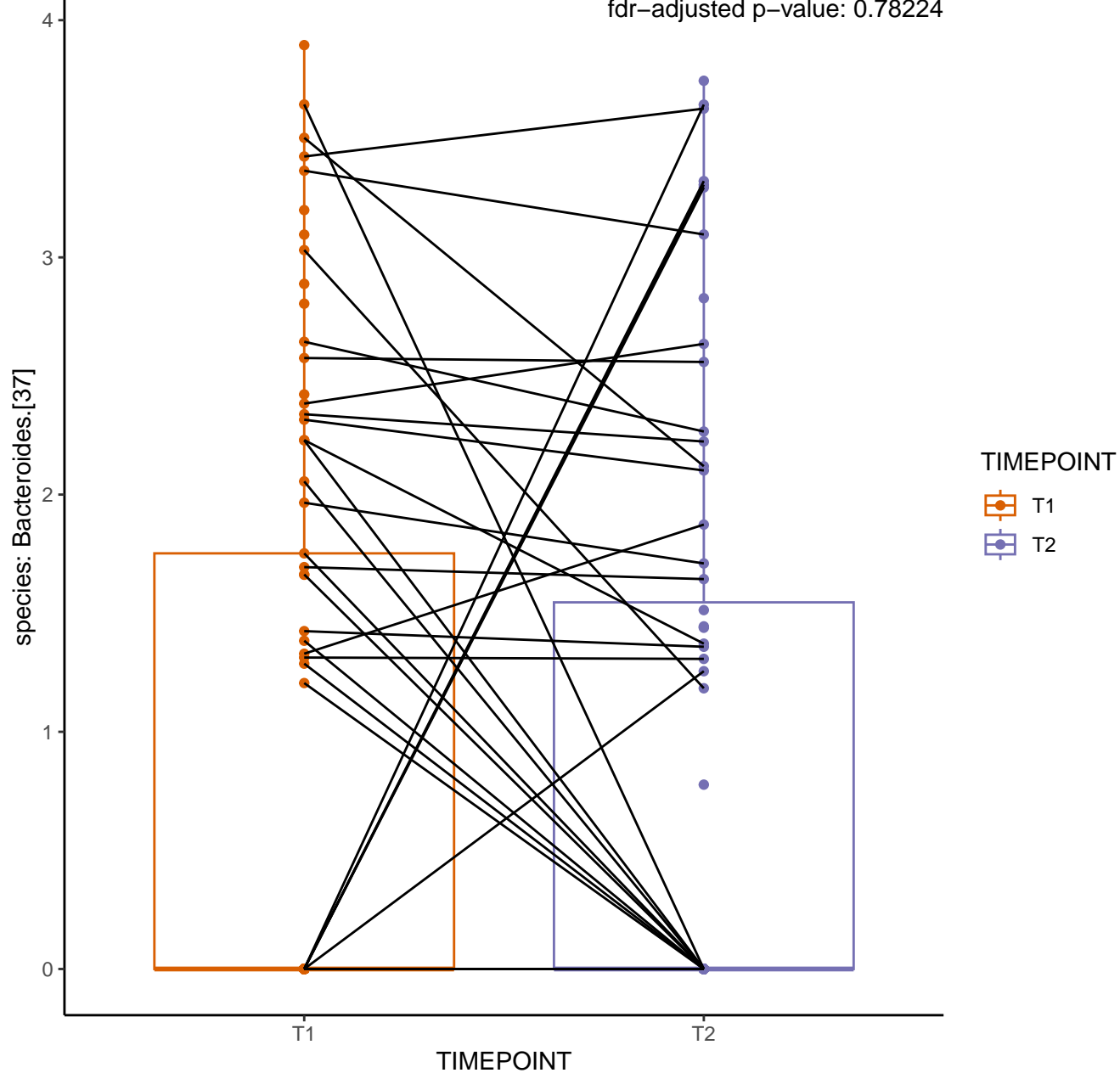
paired p-value: 0.60771

fdr-adjusted p-value: 0.78224



paired p-value: 0.60841

fdr-adjusted p-value: 0.78224



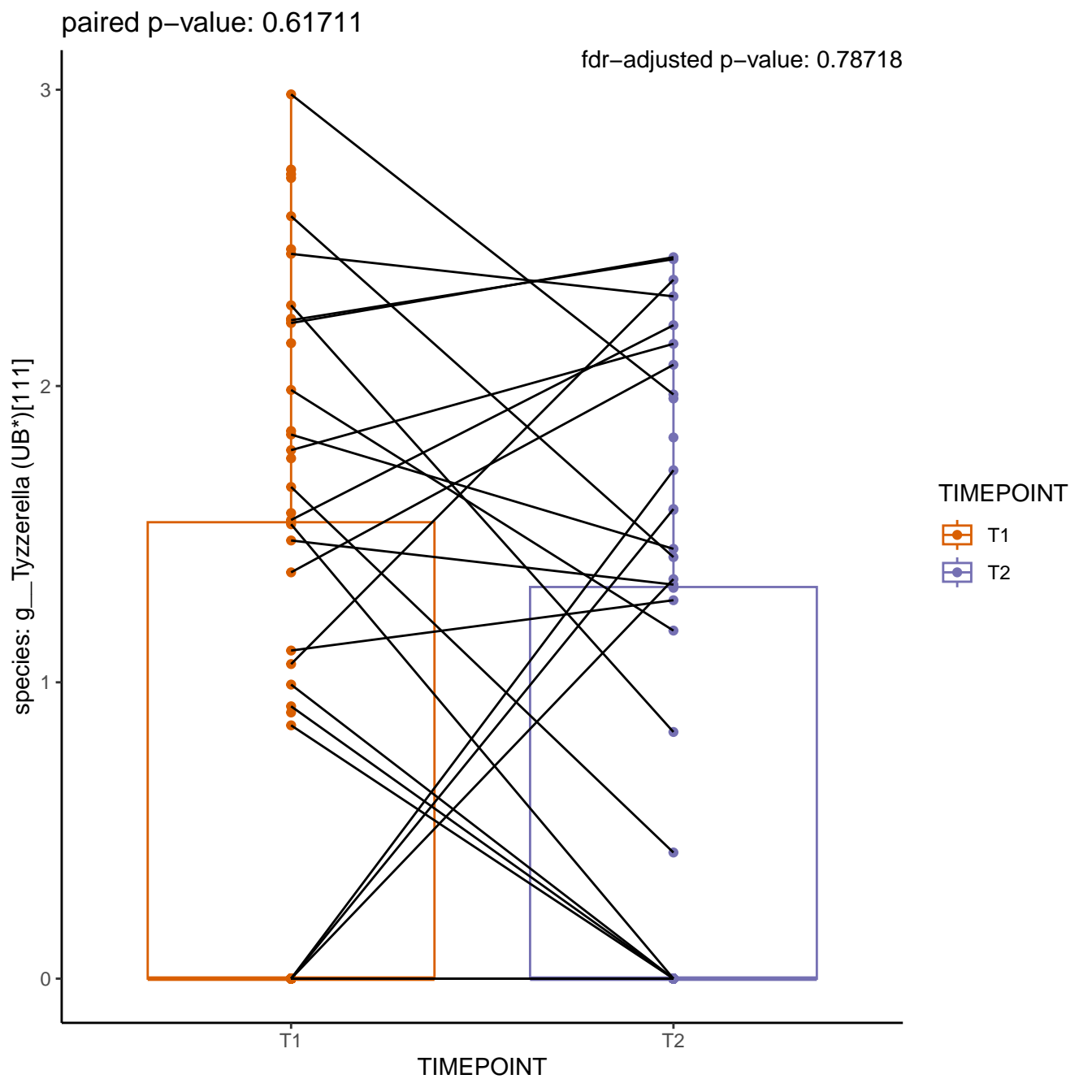
paired p-value: 0.61711

fdr-adjusted p-value: 0.78718

species: g__Tyzzerella (UB*)[111]

TIMEPOINT

T1
T2



paired p-value: 0.63835

fdr-adjusted p-value: 0.79122

species: g__Romboutsia (UB*)[90]

3

2

1

0

T1

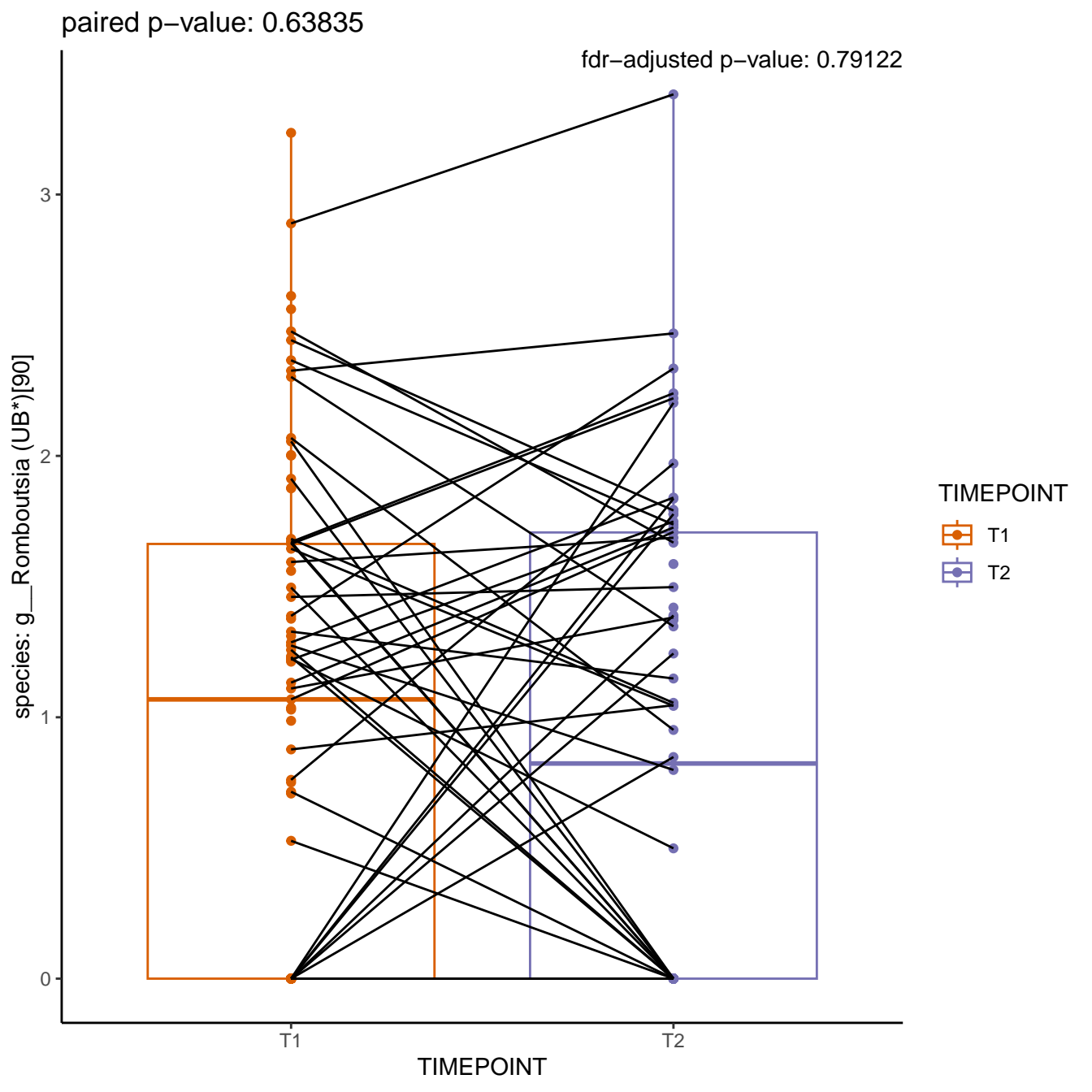
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.64085

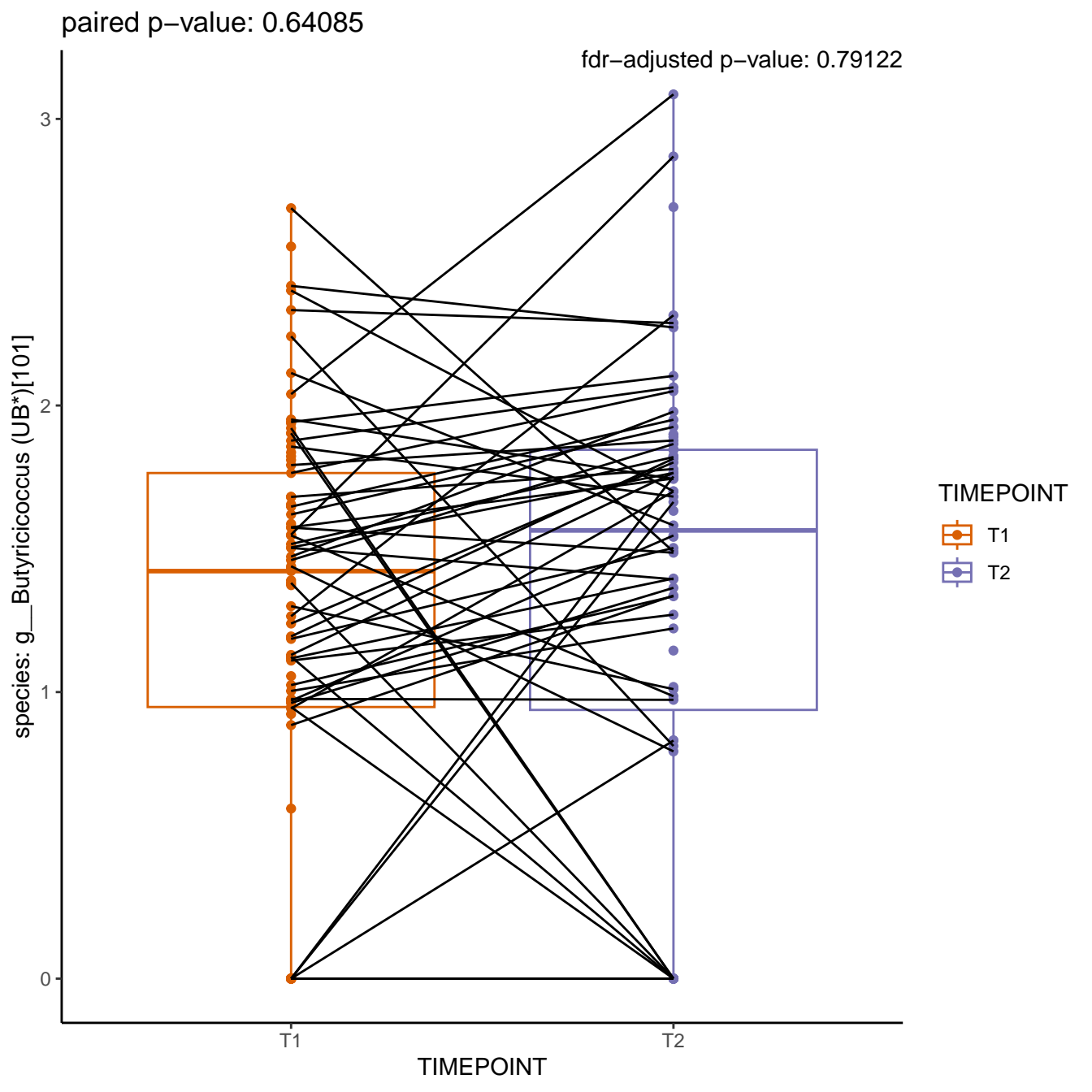
fdr-adjusted p-value: 0.79122

species: g__Butyrivibrio (UB*)[101]

TIMEPOINT

TIMEPOINT

T1
T2



paired p-value: 0.64254

fdr-adjusted p-value: 0.79122

species: *Lactobacillus_helveticus*[142]

TIMEPOINT

T1

T2

0

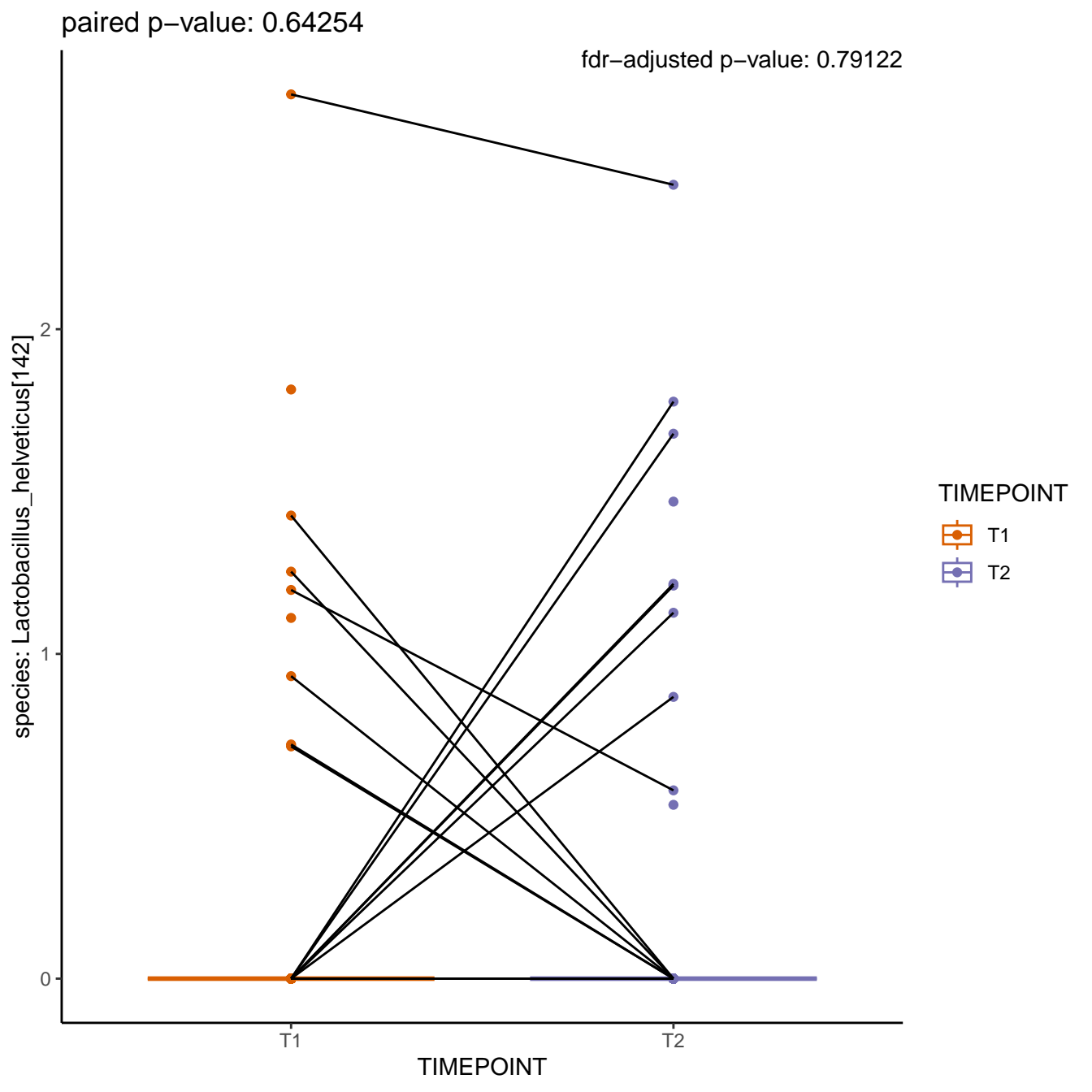
T1

TIMEPOINT

T2

1

2



paired p-value: 0.64286

fdr-adjusted p-value: 0.79122

species: g__Oscillibacter (UB*)[152]

TIMEPOINT

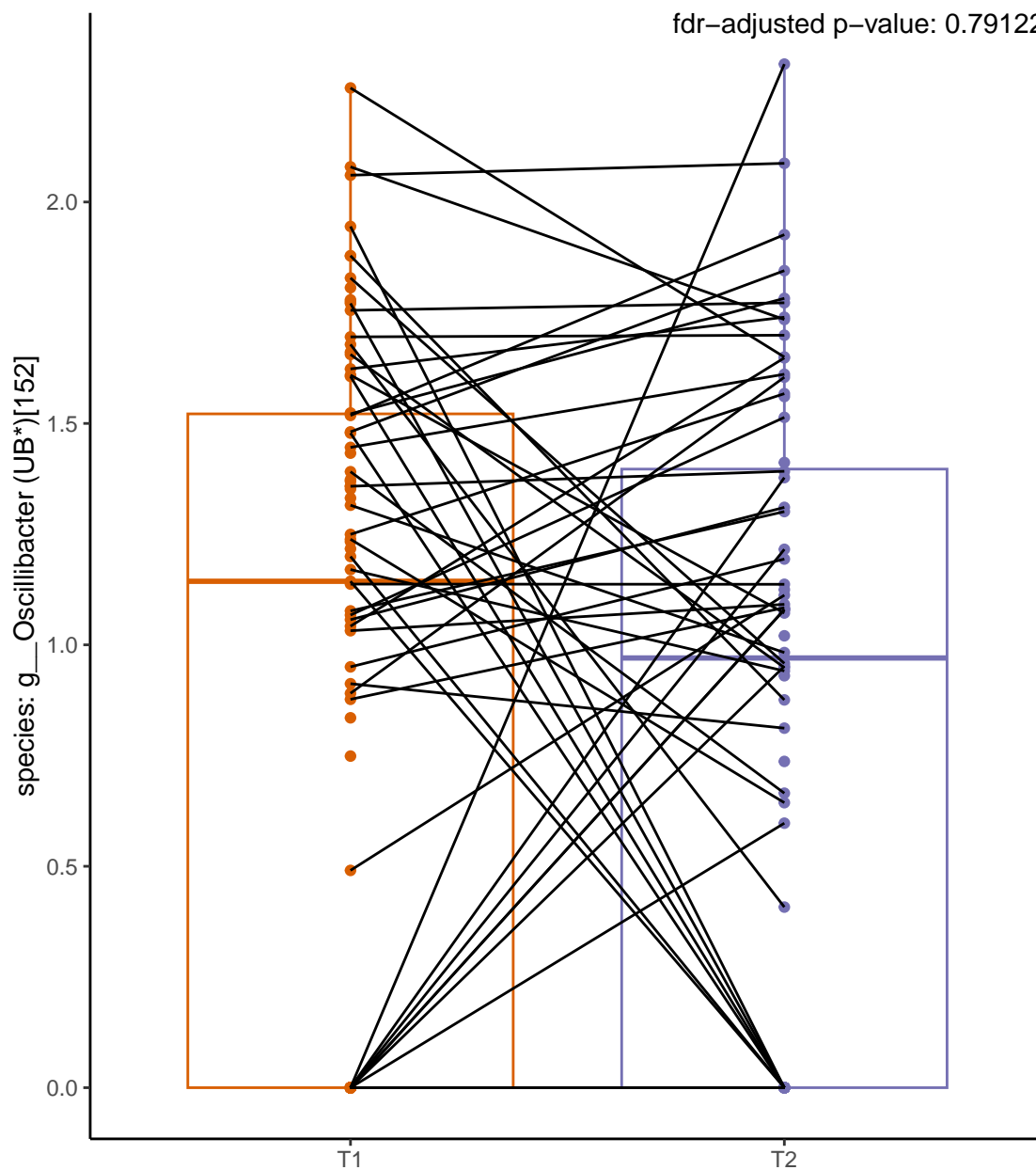
T1

T2

T1

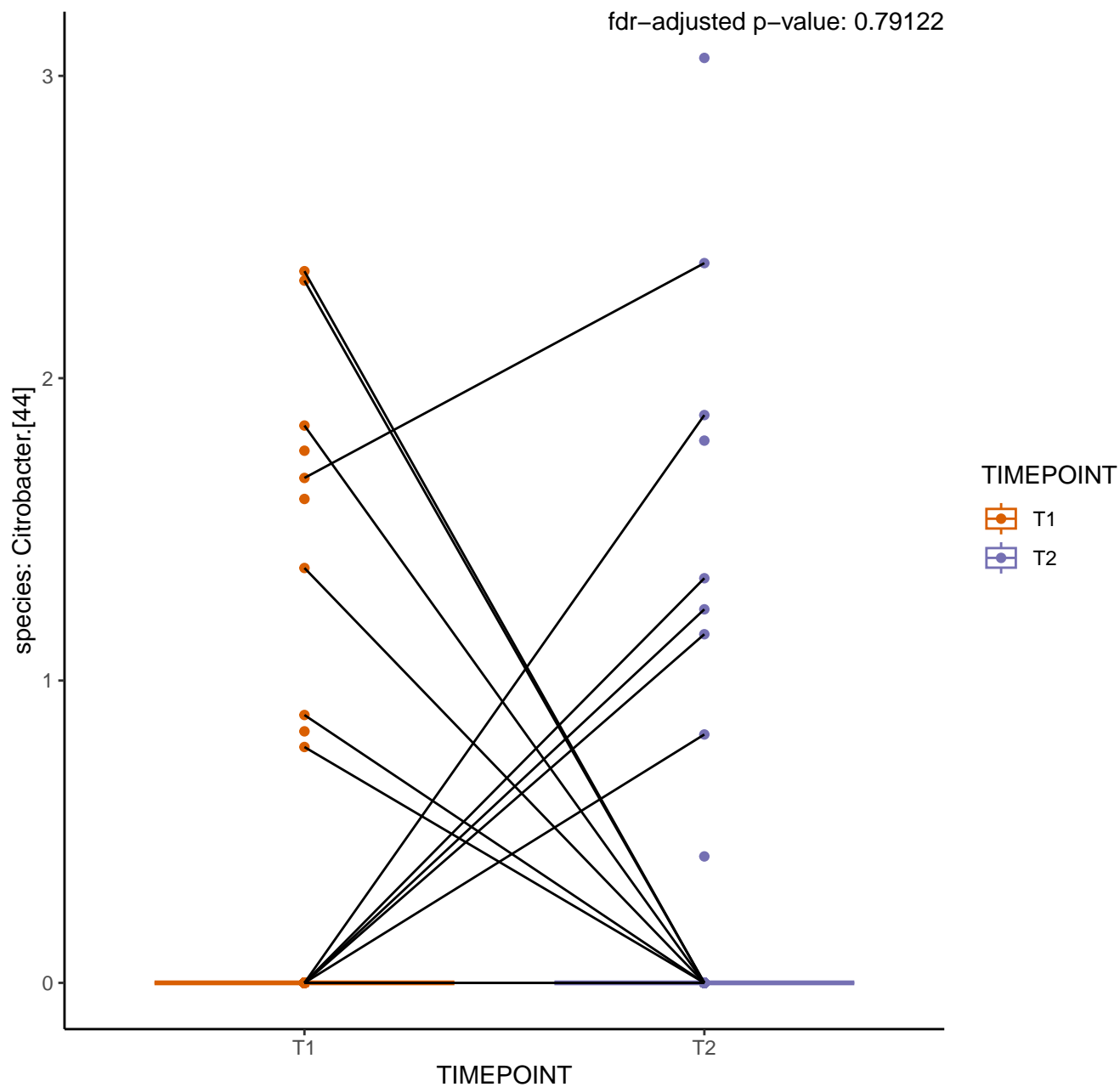
T2

TIMEPOINT



paired p-value: 0.64531

fdr-adjusted p-value: 0.79122



paired p-value: 0.64958

fdr-adjusted p-value: 0.79122

species: Lactobacillus.[85]

TIMEPOINT

T1

T2

0

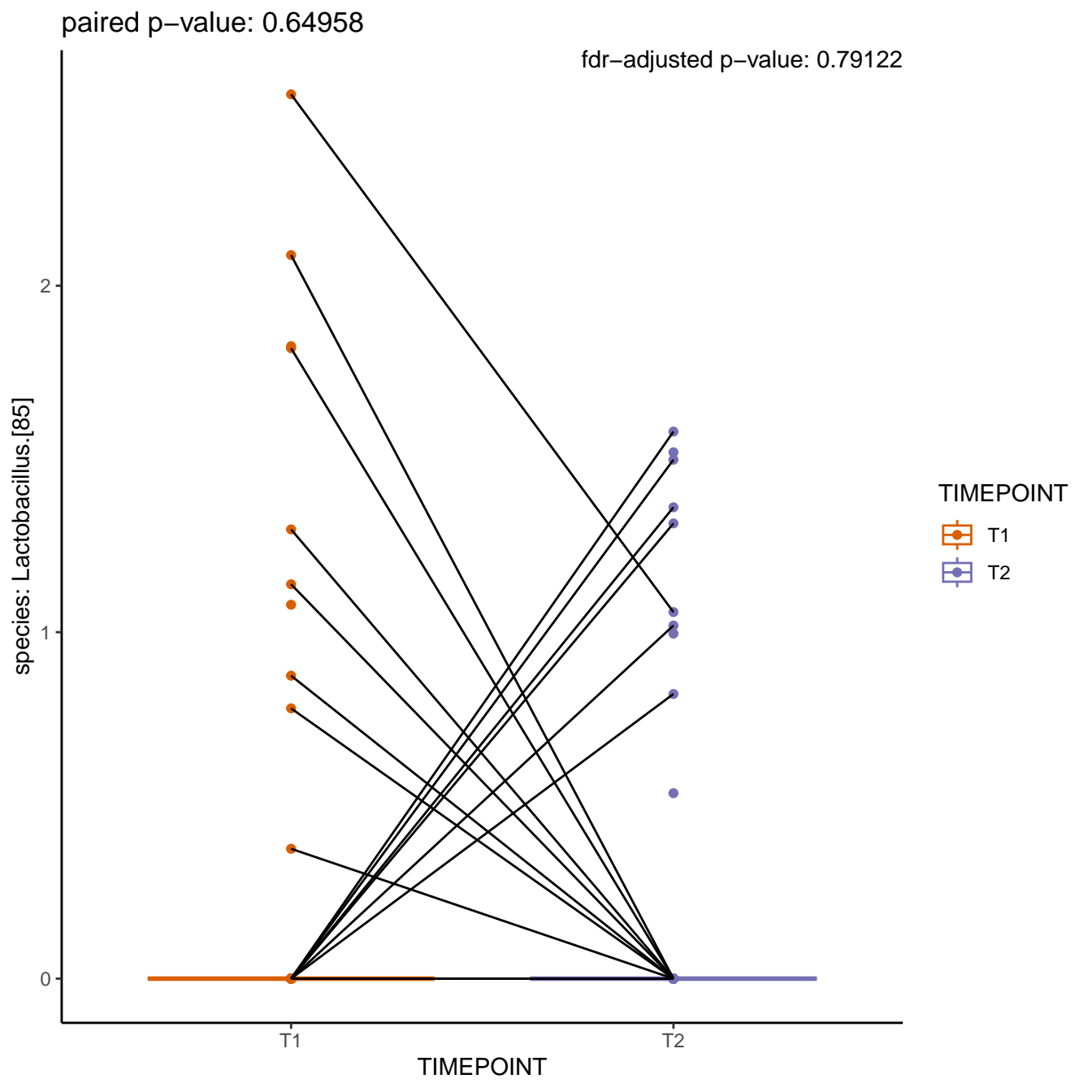
TIMEPOINT

T1

T2

1

2



paired p-value: 0.65705

fdr-adjusted p-value: 0.79435

species: Blautia.[5]

TIMEPOINT

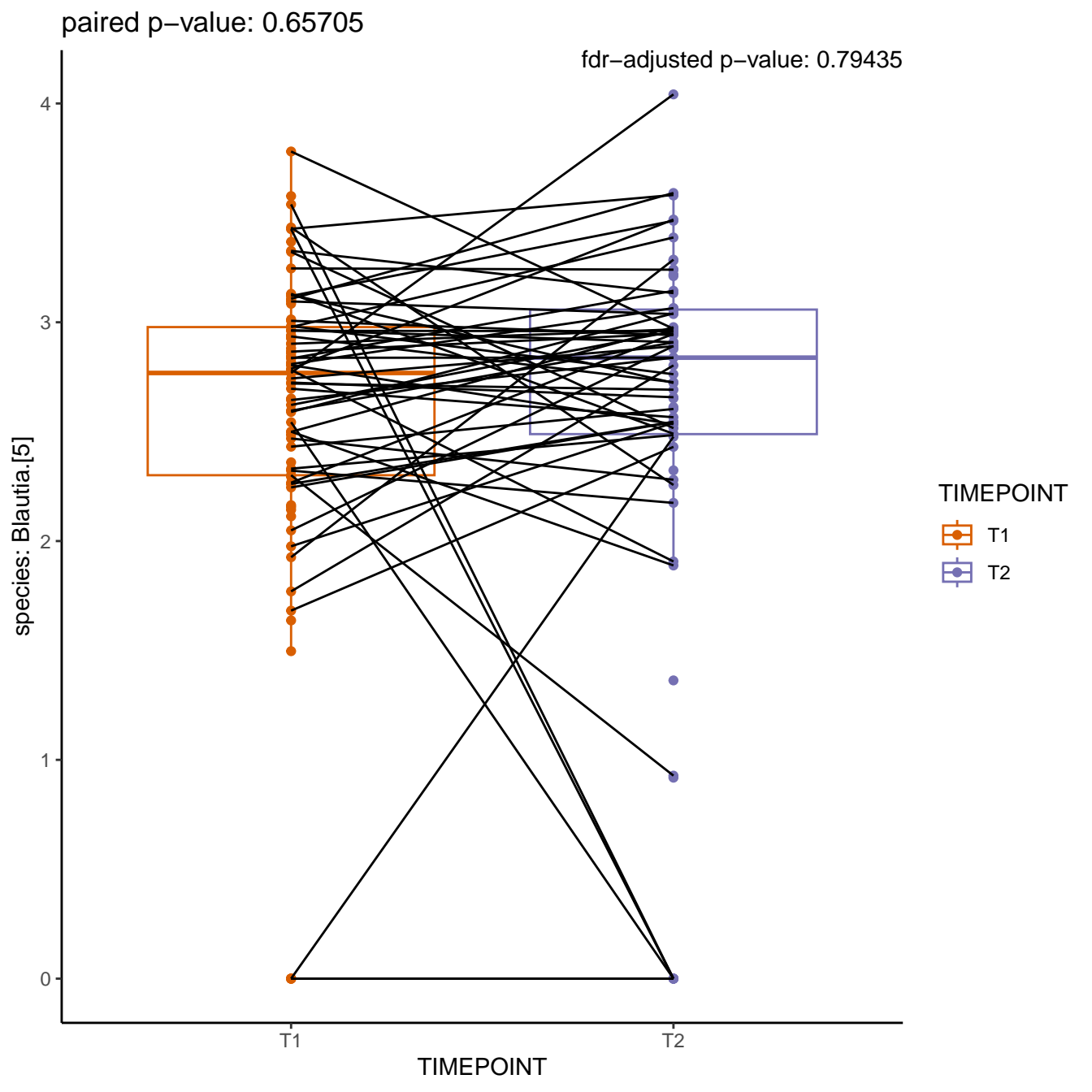
T1

T2

T1

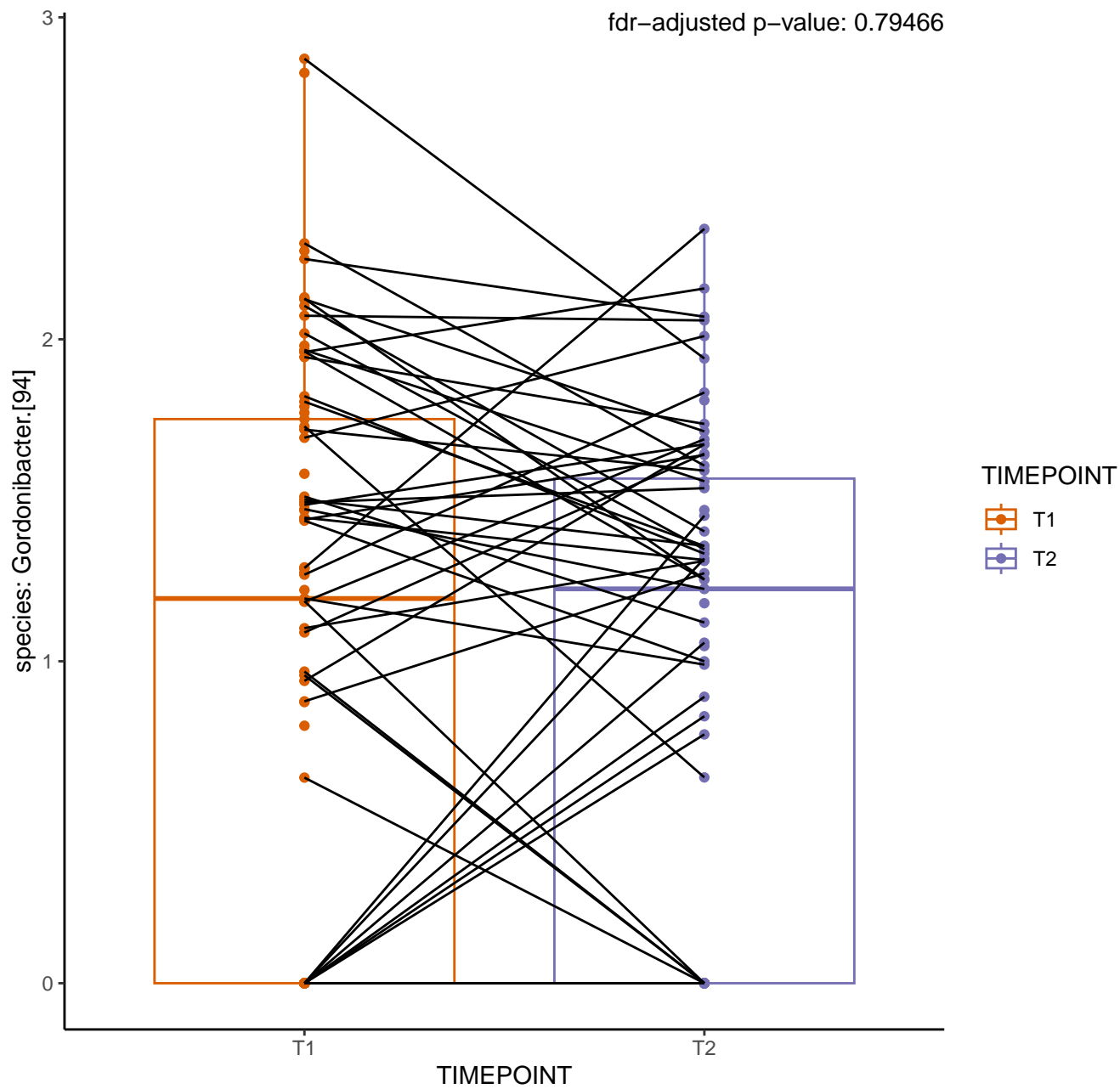
T2

TIMEPOINT



paired p-value: 0.66222

fdr-adjusted p-value: 0.79466



paired p-value: 0.67151

fdr-adjusted p-value: 0.79989

species: uncultured_organism[59]

TIMEPOINT

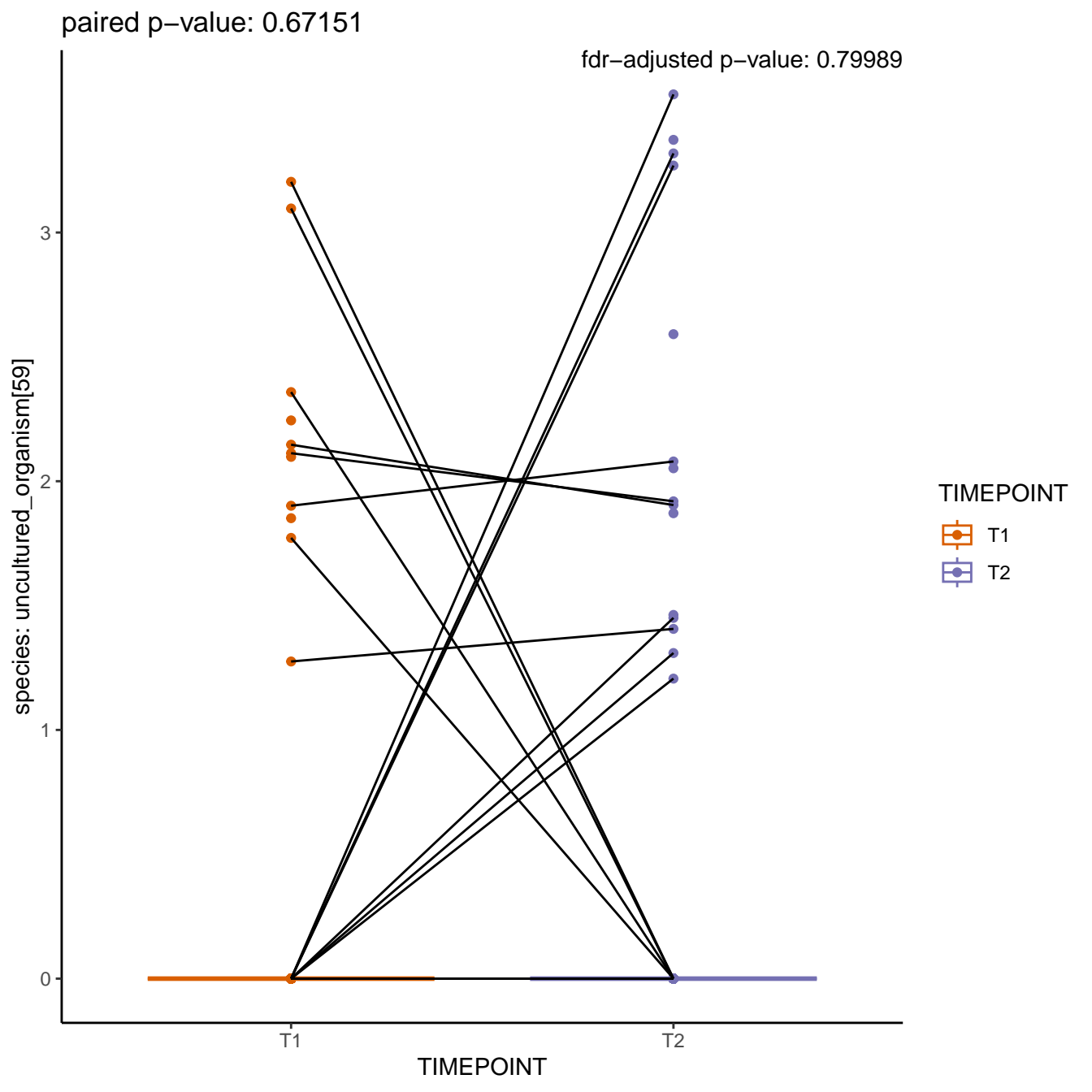
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.69722

fdr-adjusted p-value: 0.82445

species: *Lactococcus lactis*[165]

TIMEPOINT

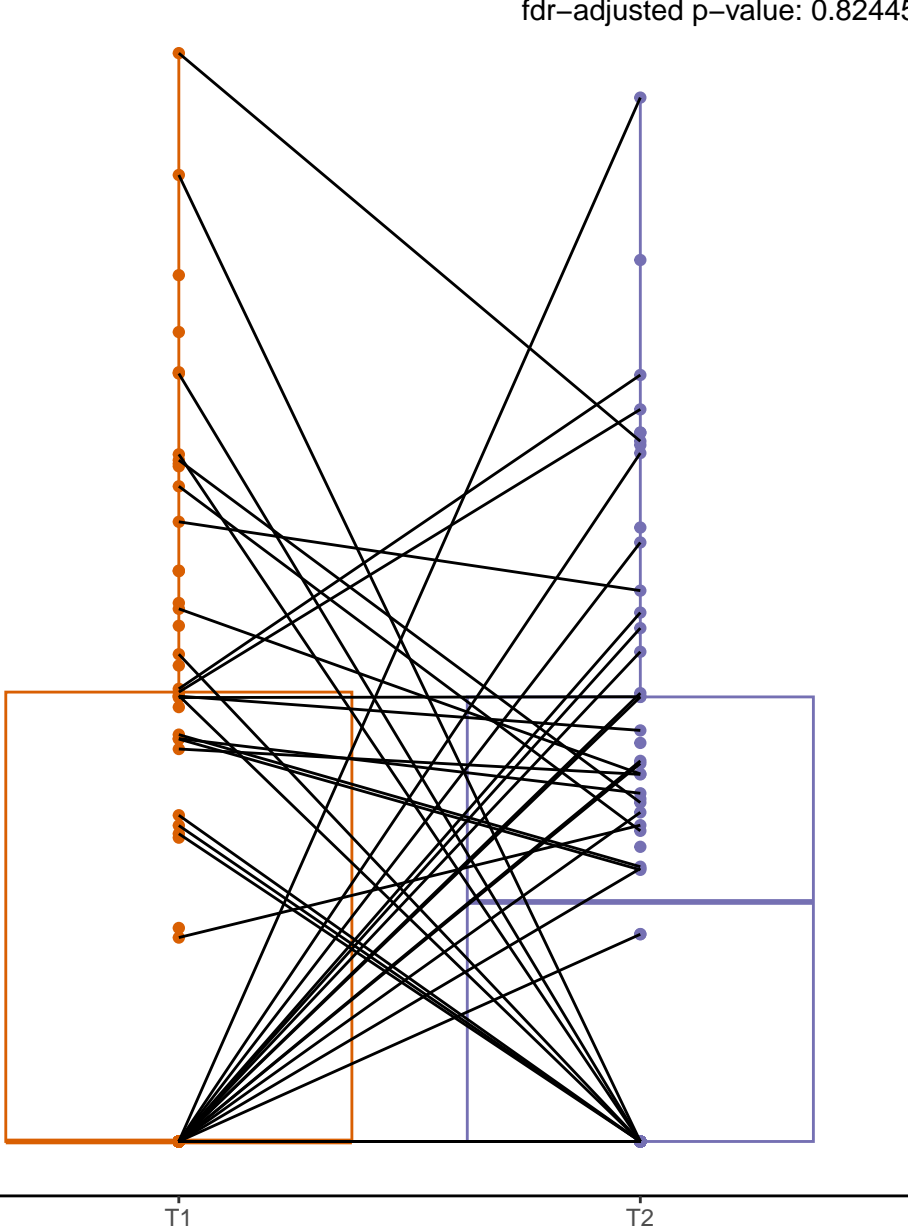
T1
T2

2.5
2.0
1.5
1.0
0.5
0.0

T1

T2

TIMEPOINT



paired p-value: 0.7141

fdr-adjusted p-value: 0.83829

species: g__Family_XIII_AD3011_group (UB*)[42]

3

2

1

0

T1

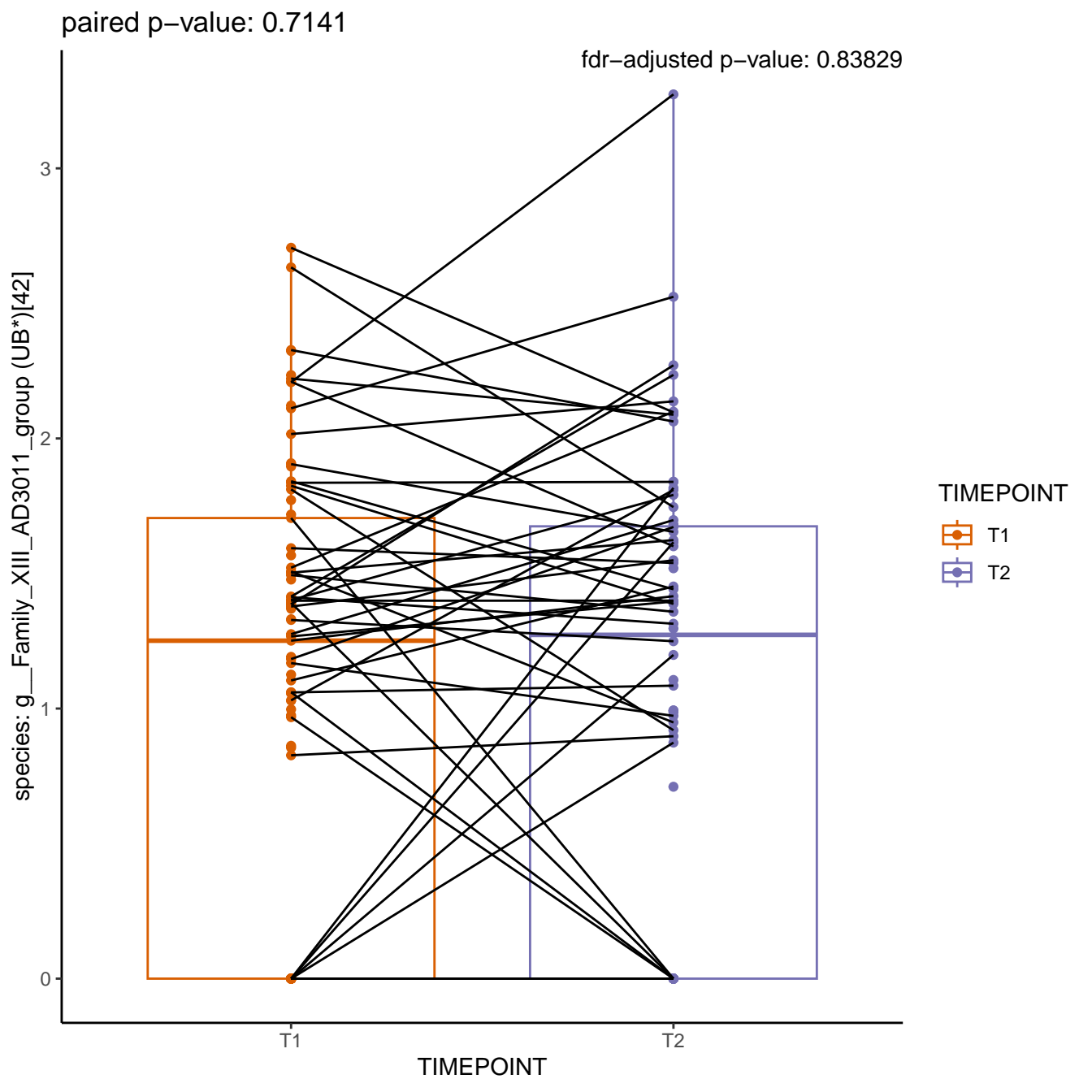
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.72

fdr-adjusted p-value: 0.83913

species: uncultured_organism[163]

1.5

1.0

0.5

0.0

T1

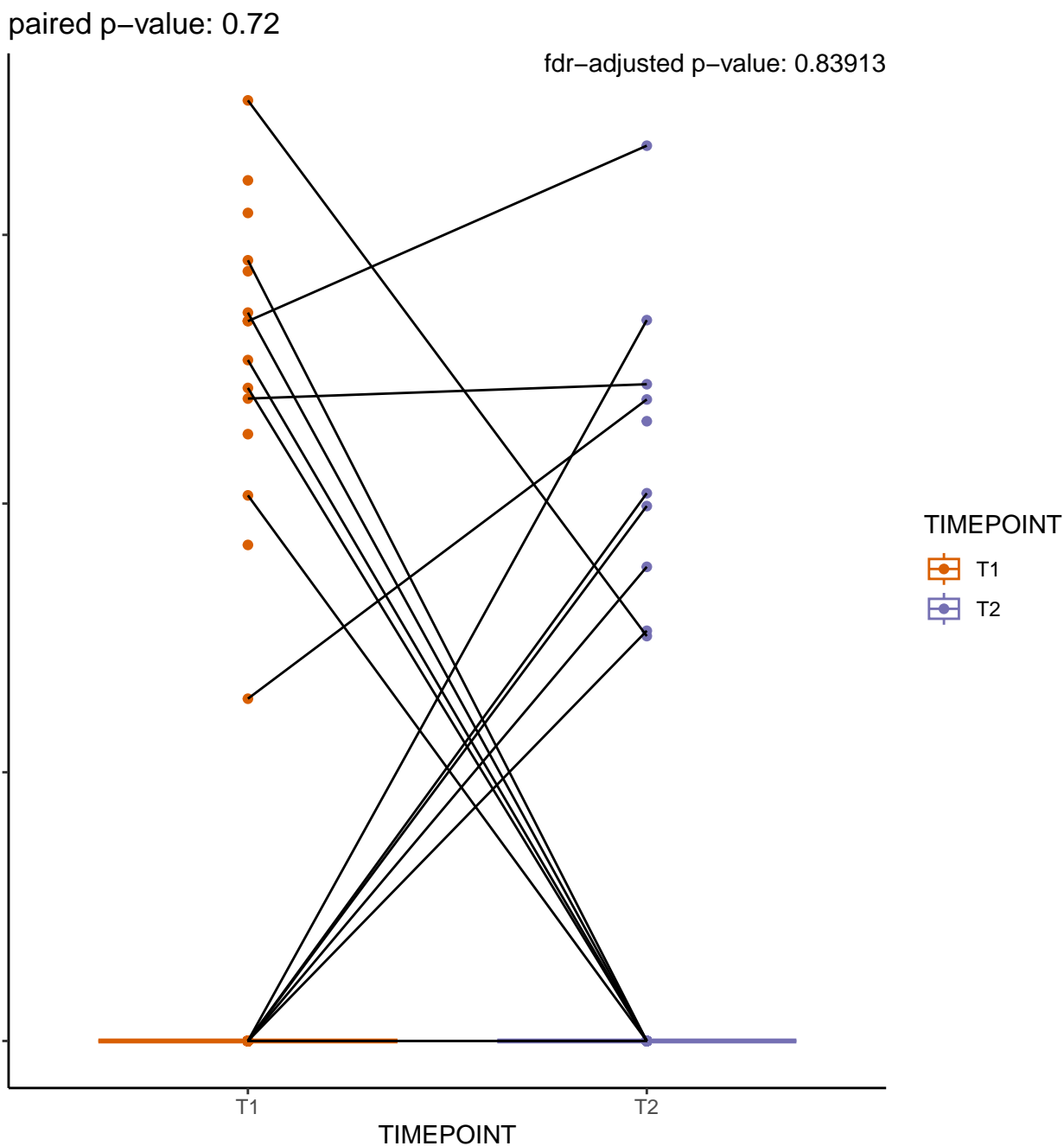
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.73107

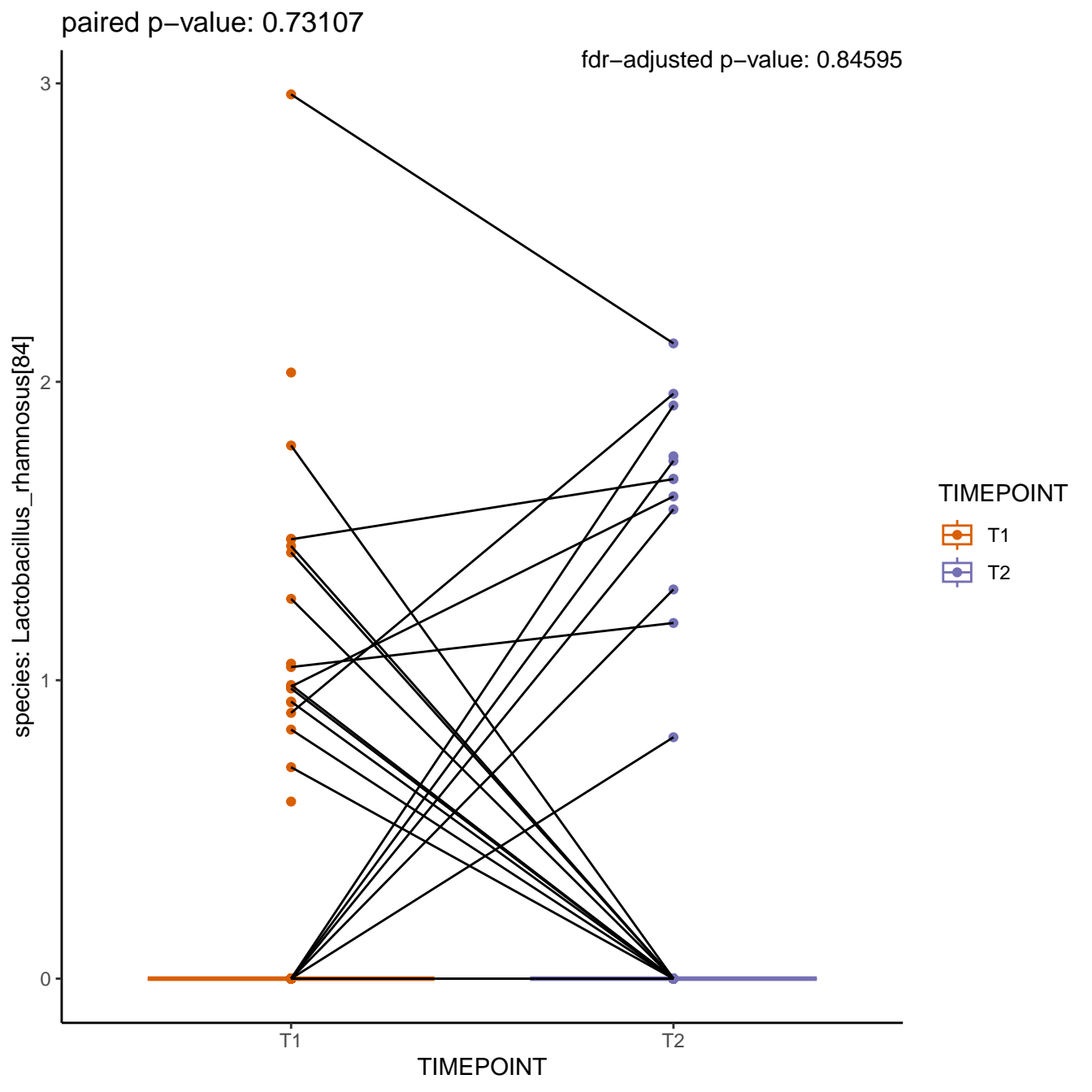
fdr-adjusted p-value: 0.84595

species: *Lactobacillus_rhamnosus*[84]

TIMEPOINT

T1

T2



paired p-value: 0.75781

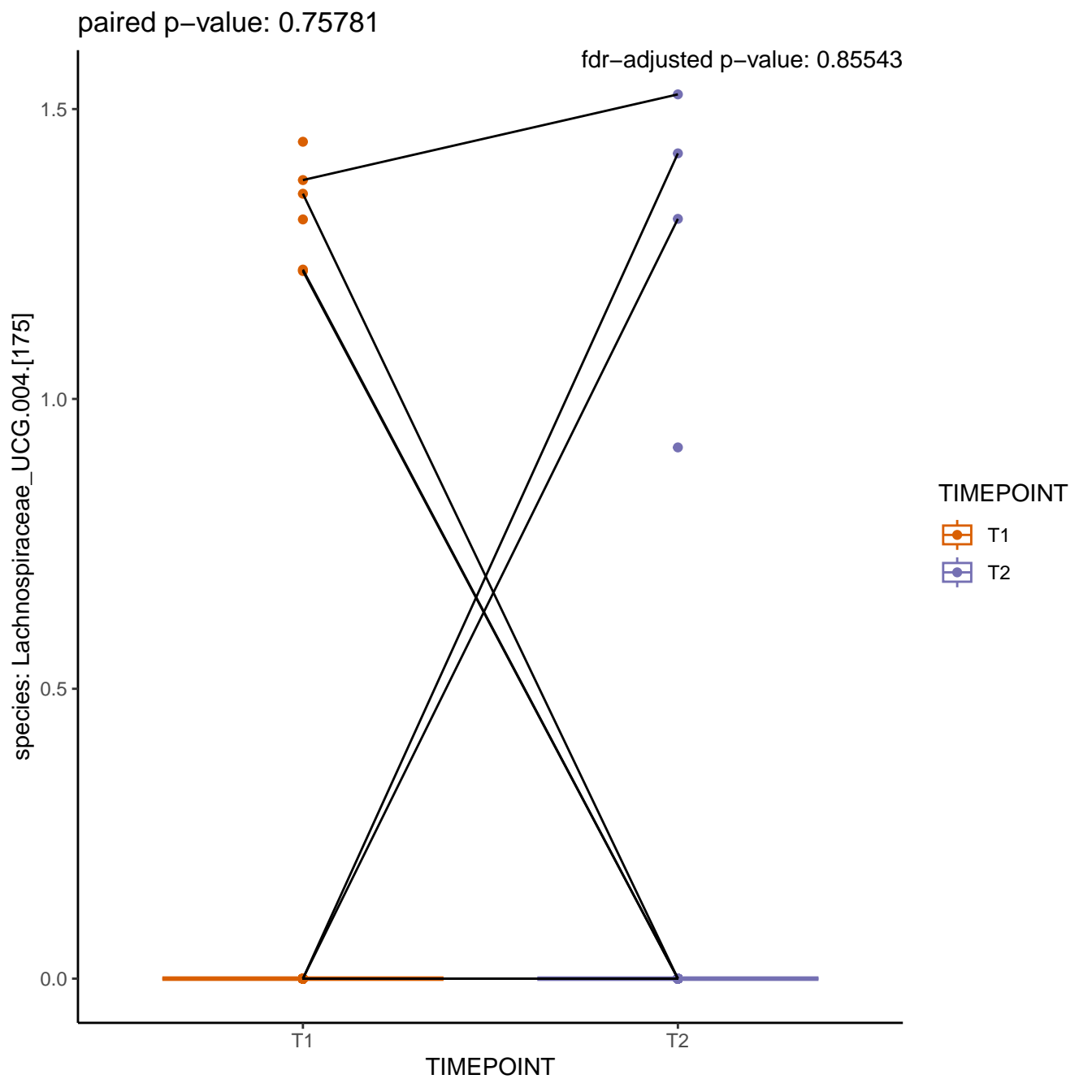
fdr-adjusted p-value: 0.85543

species: Lachnospiraceae_UCG.004.[175]

TIMEPOINT

T1

T2



paired p-value: 0.75846

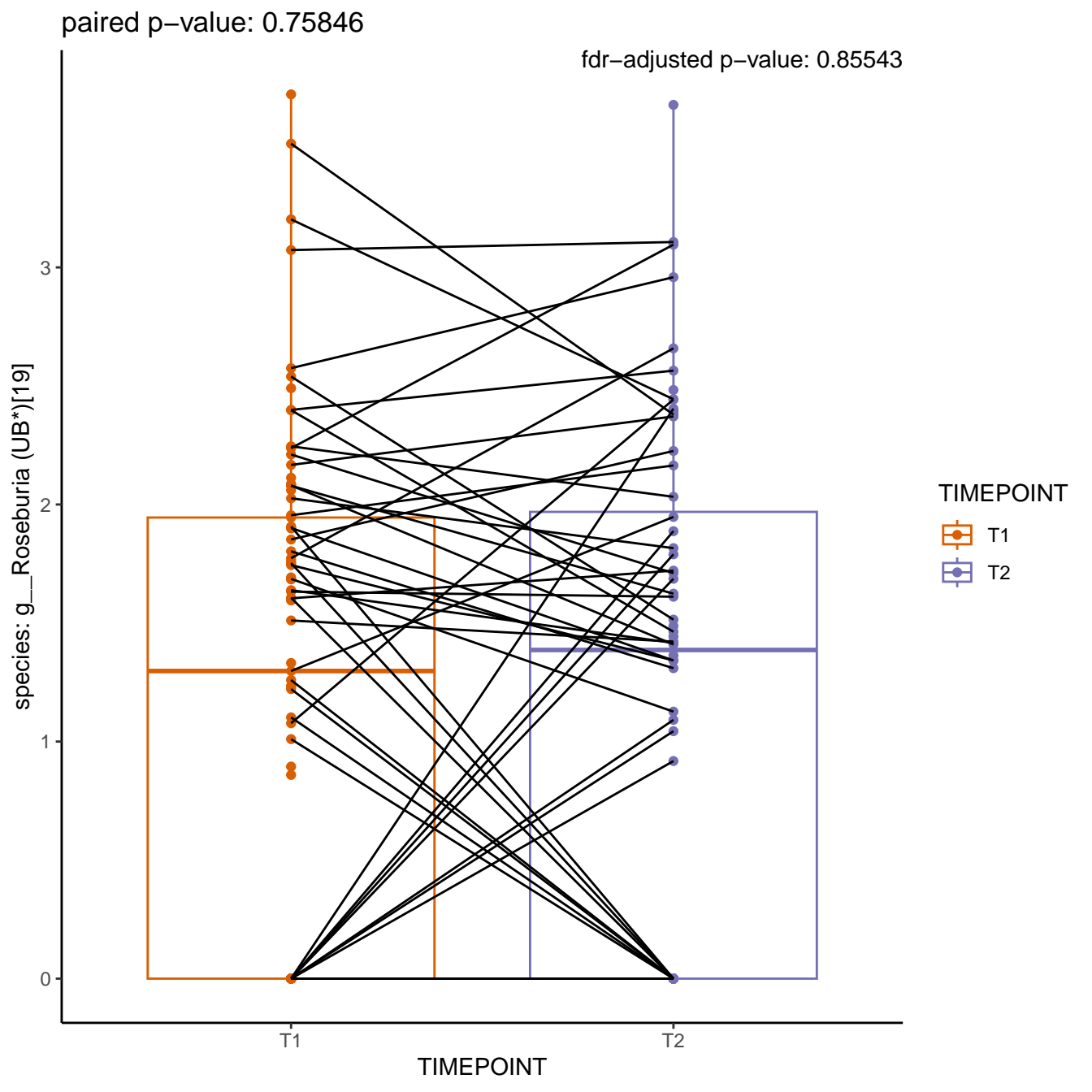
fdr-adjusted p-value: 0.85543

species: g__Roseburia (UB*)[19]

TIMEPOINT

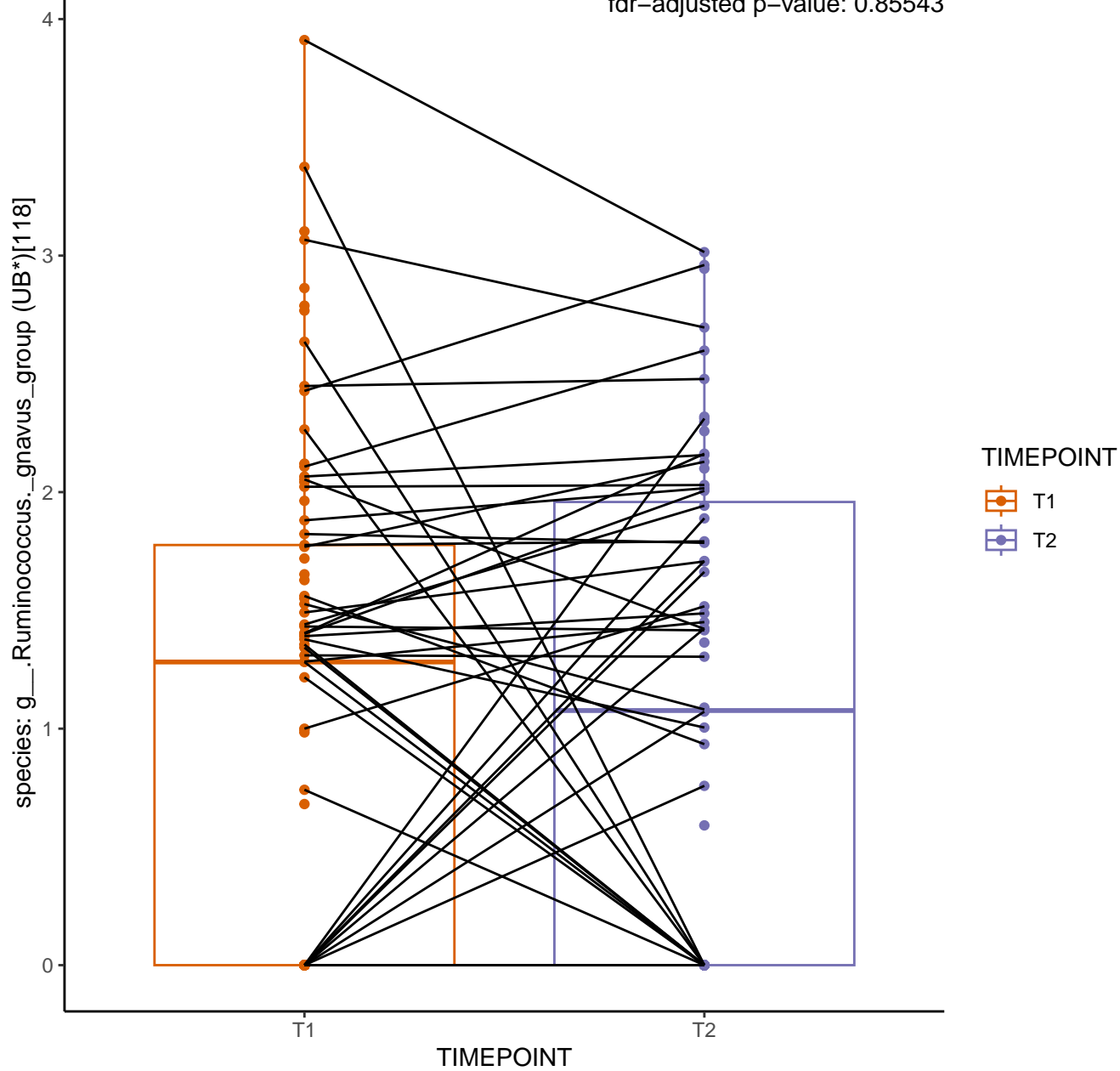
T1

T2



paired p-value: 0.75937

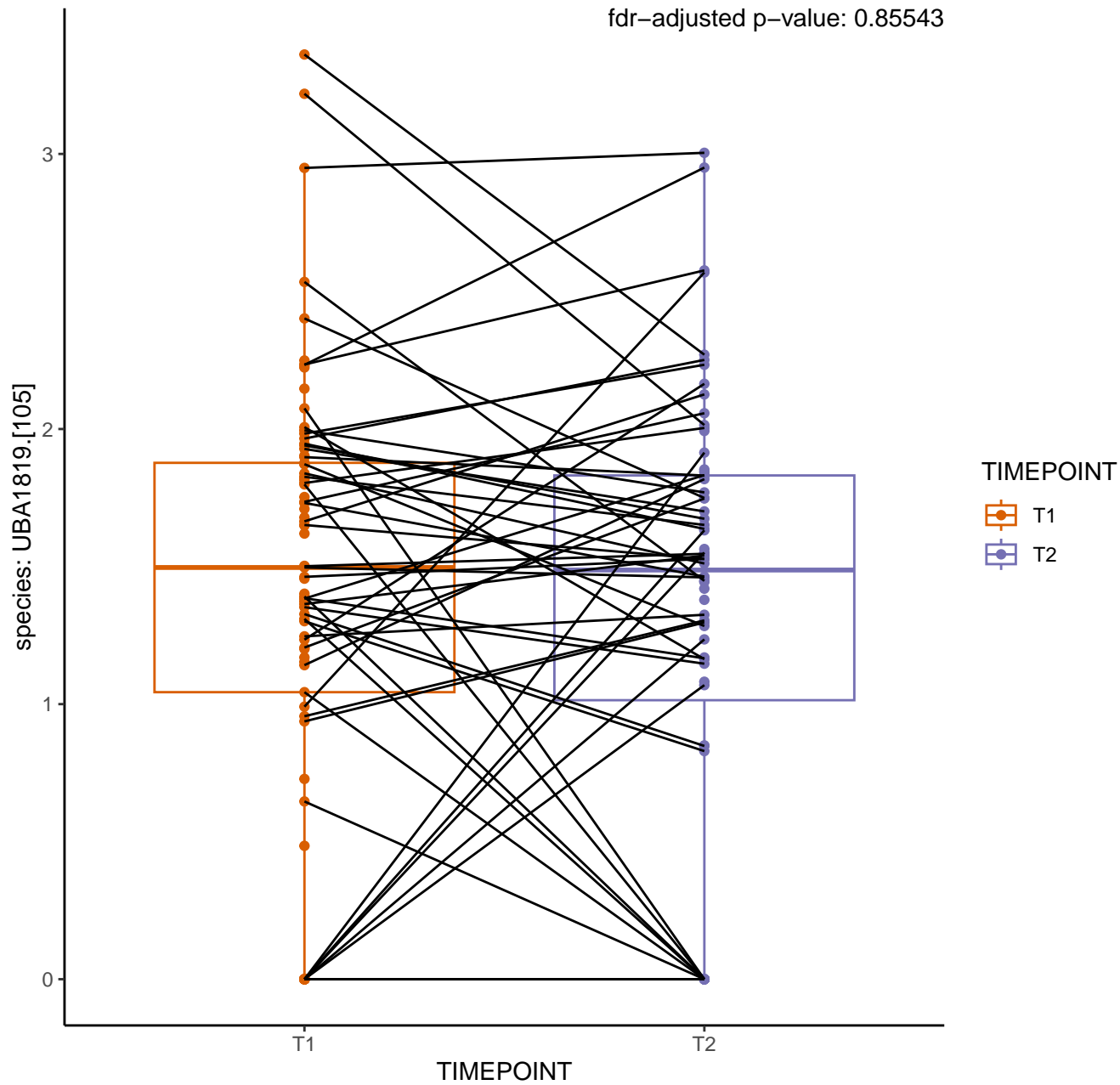
fdr-adjusted p-value: 0.85543



paired p-value: 0.76175

fdr-adjusted p-value: 0.85543

species: UBA1819.[105]



paired p-value: 0.76566

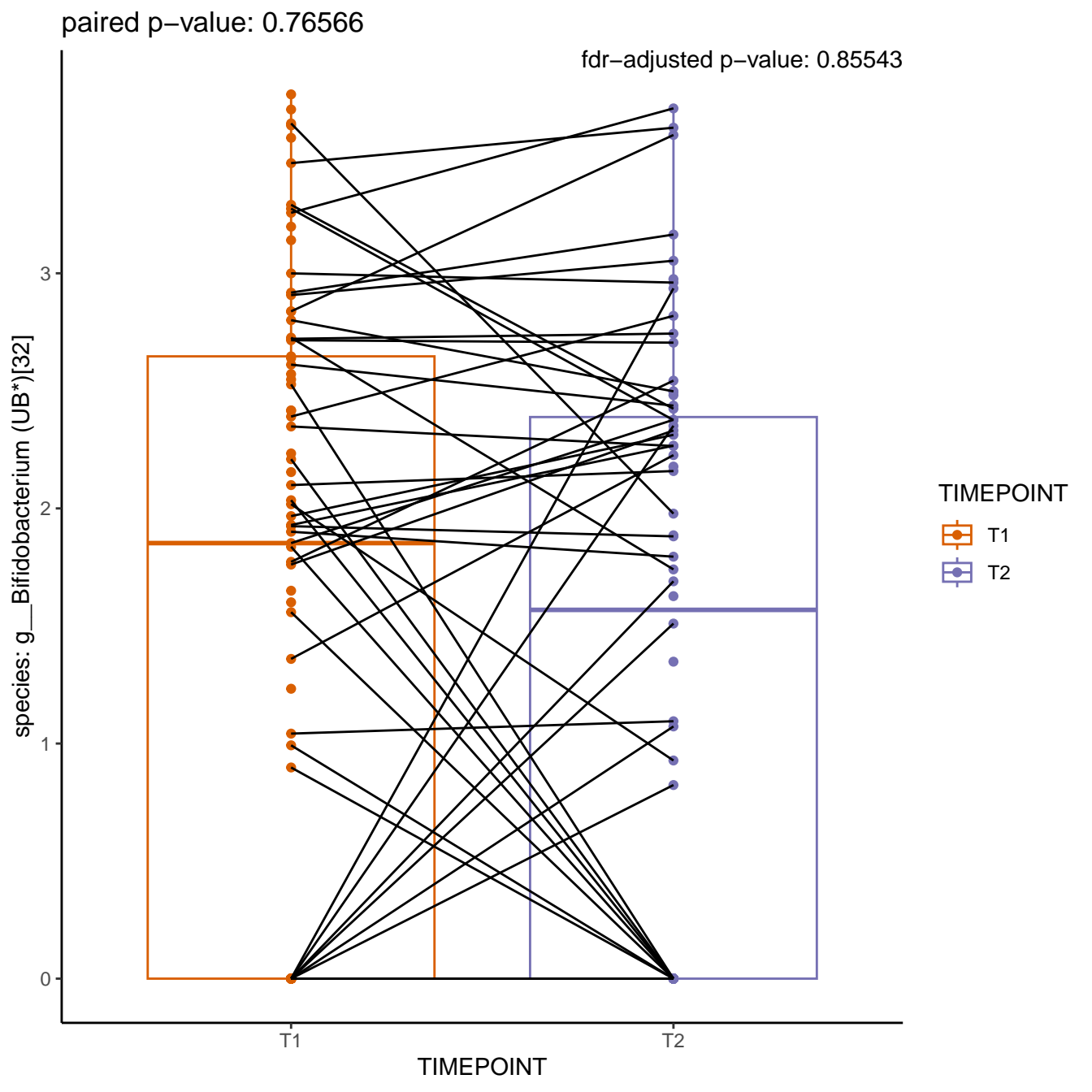
fdr-adjusted p-value: 0.85543

species: g__Bifidobacterium (UB*)[32]

TIMEPOINT

TIMEPOINT

T1
T2



paired p-value: 0.80897

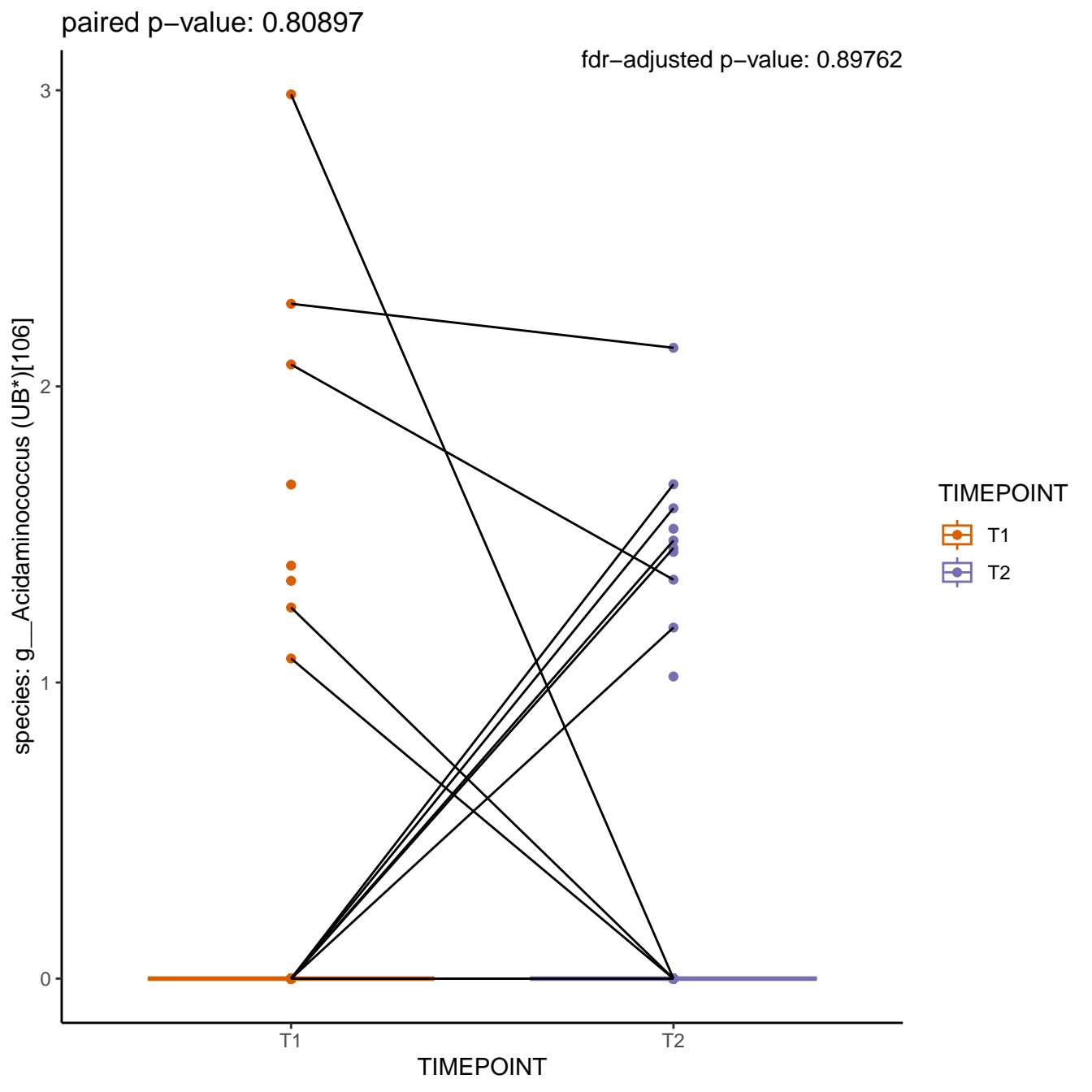
fdr-adjusted p-value: 0.89762

species: g__Acidaminococcus (UB*)[106]

TIMEPOINT

T1

T2



paired p-value: 0.84288

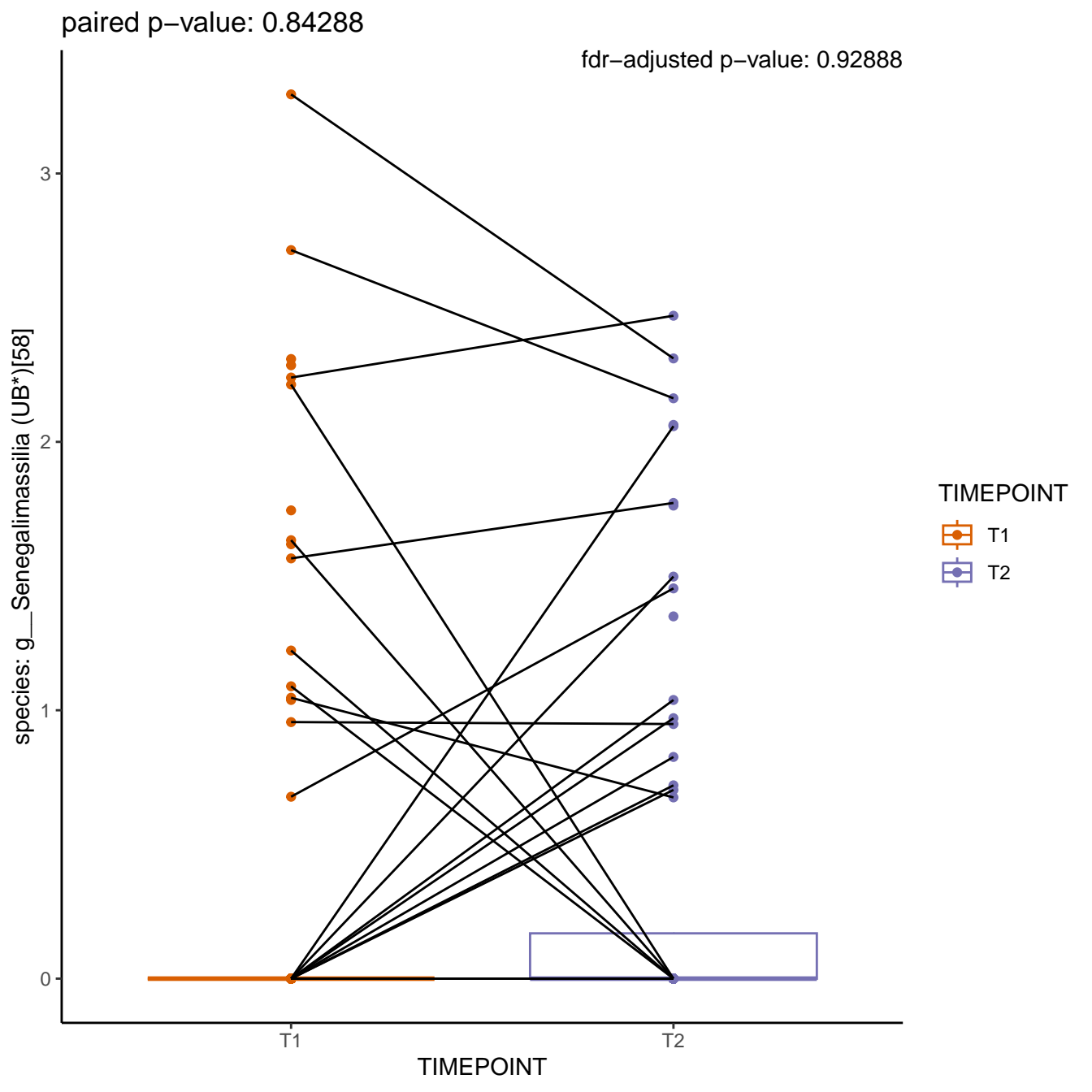
fdr-adjusted p-value: 0.92888

species: g__Senegalimassilia (UB*)[58]

TIMEPOINT

T1

T2



paired p-value: 0.85815

fdr-adjusted p-value: 0.93933



TIMEPOINT

 T1 T2

T1

T2

TIMEPOINT

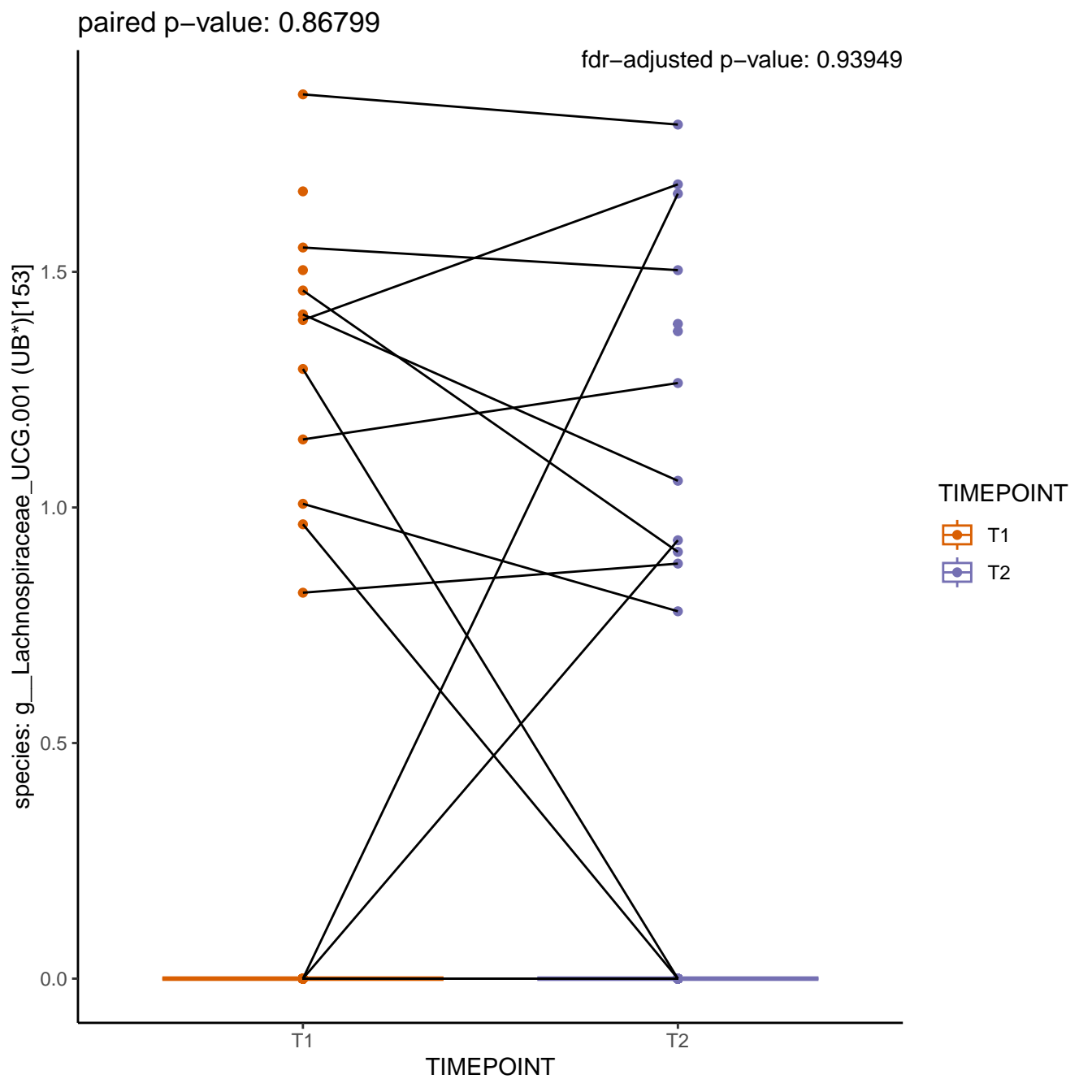
paired p-value: 0.86799

fdr-adjusted p-value: 0.93949

species: g__Lachnospiraceae_UCG.001 (UB*)[153]

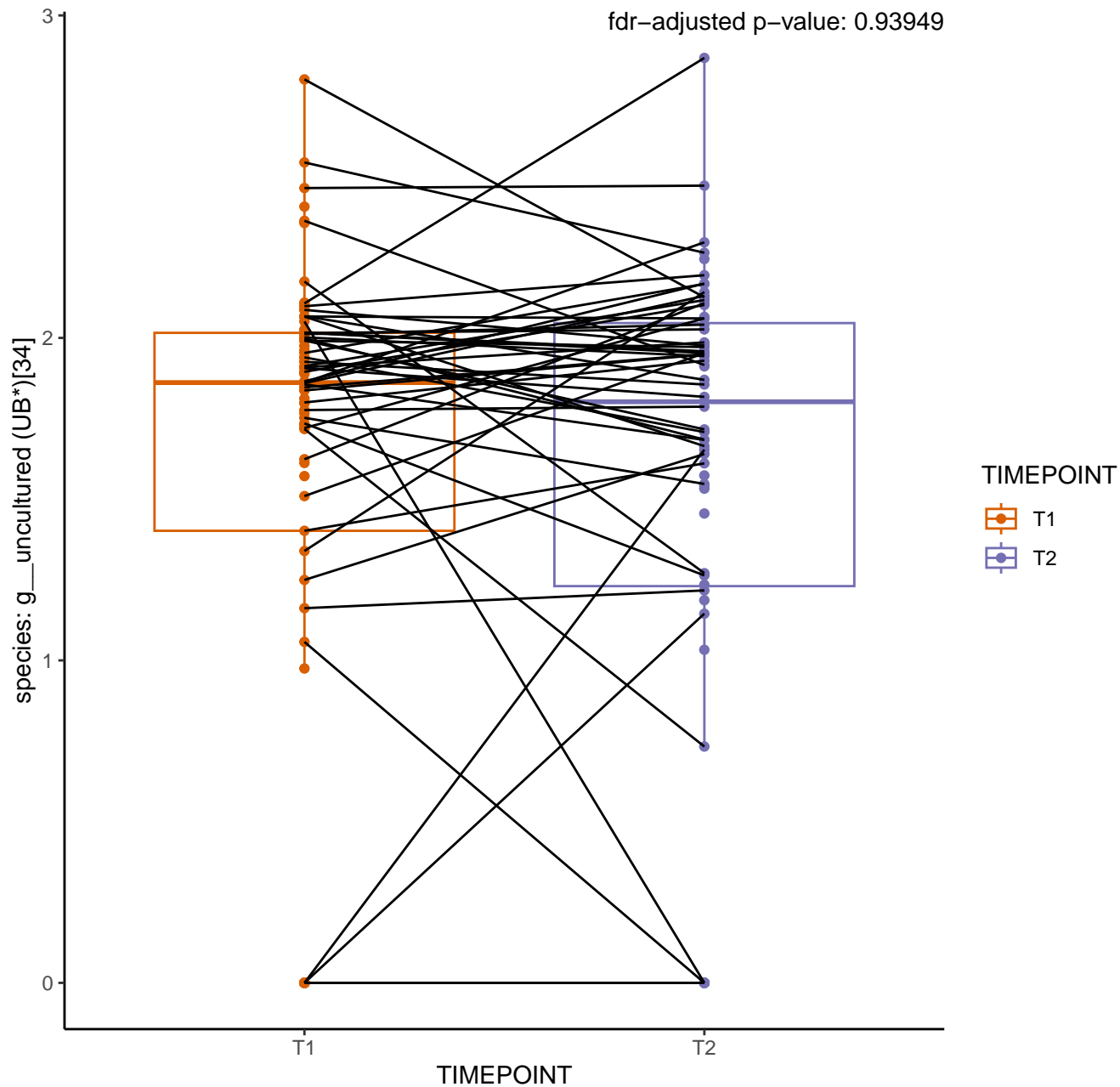
TIMEPOINT

T1
T2



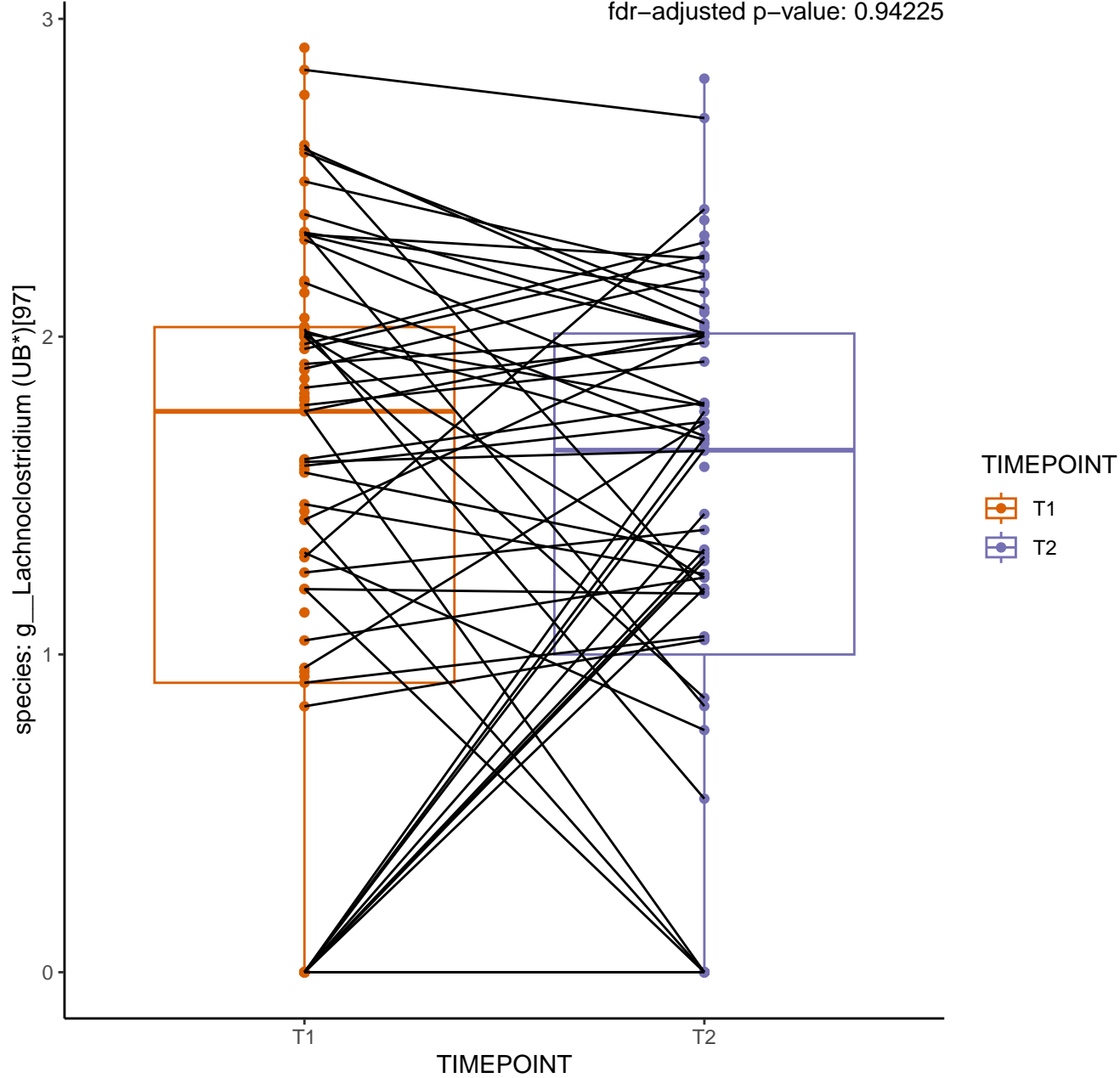
paired p-value: 0.8699

fdr-adjusted p-value: 0.93949



paired p-value: 0.87827

fdr-adjusted p-value: 0.94225



paired p-value: 0.91005

fdr-adjusted p-value: 0.96687

species: Ruminococcus.[99]

TIMEPOINT

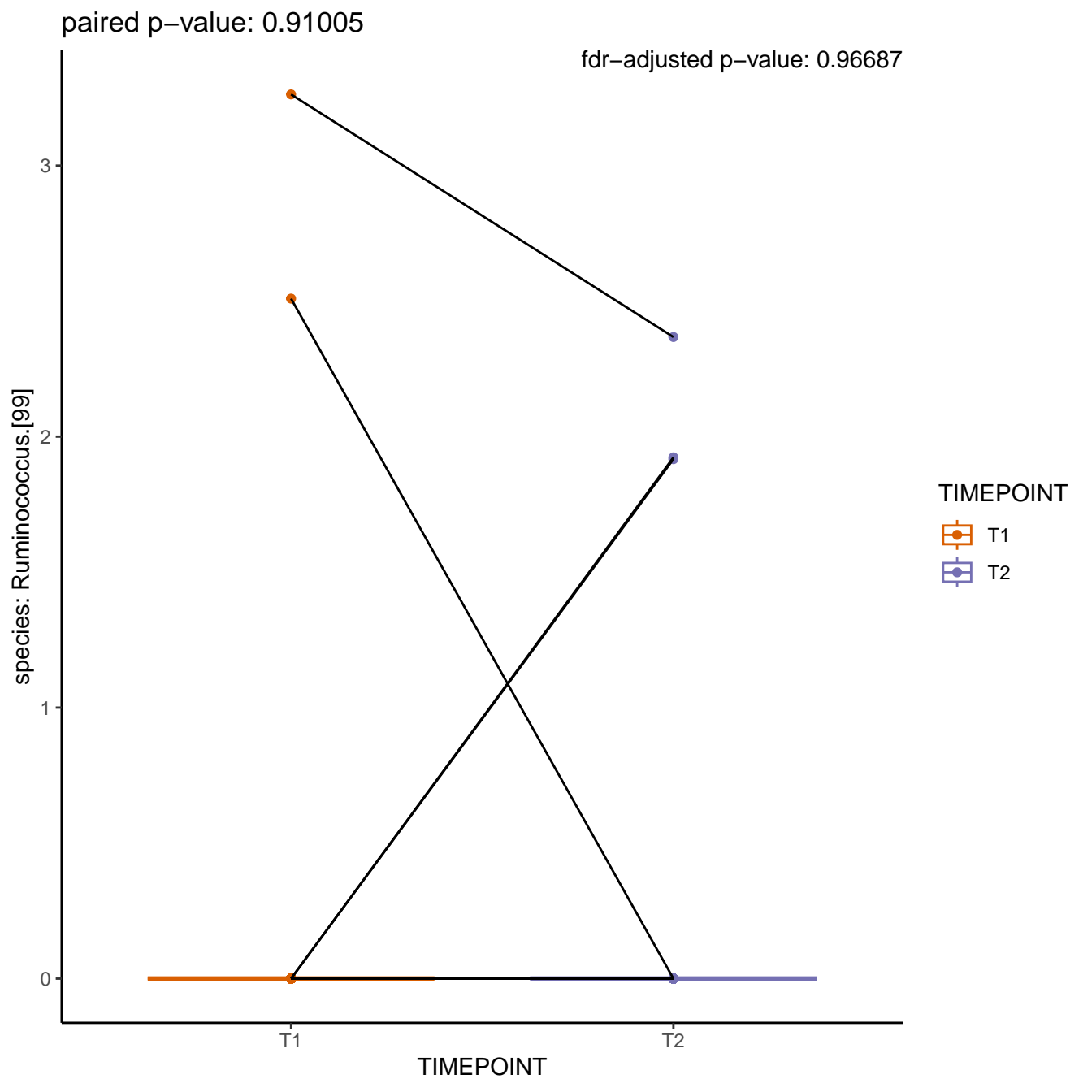
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.91344

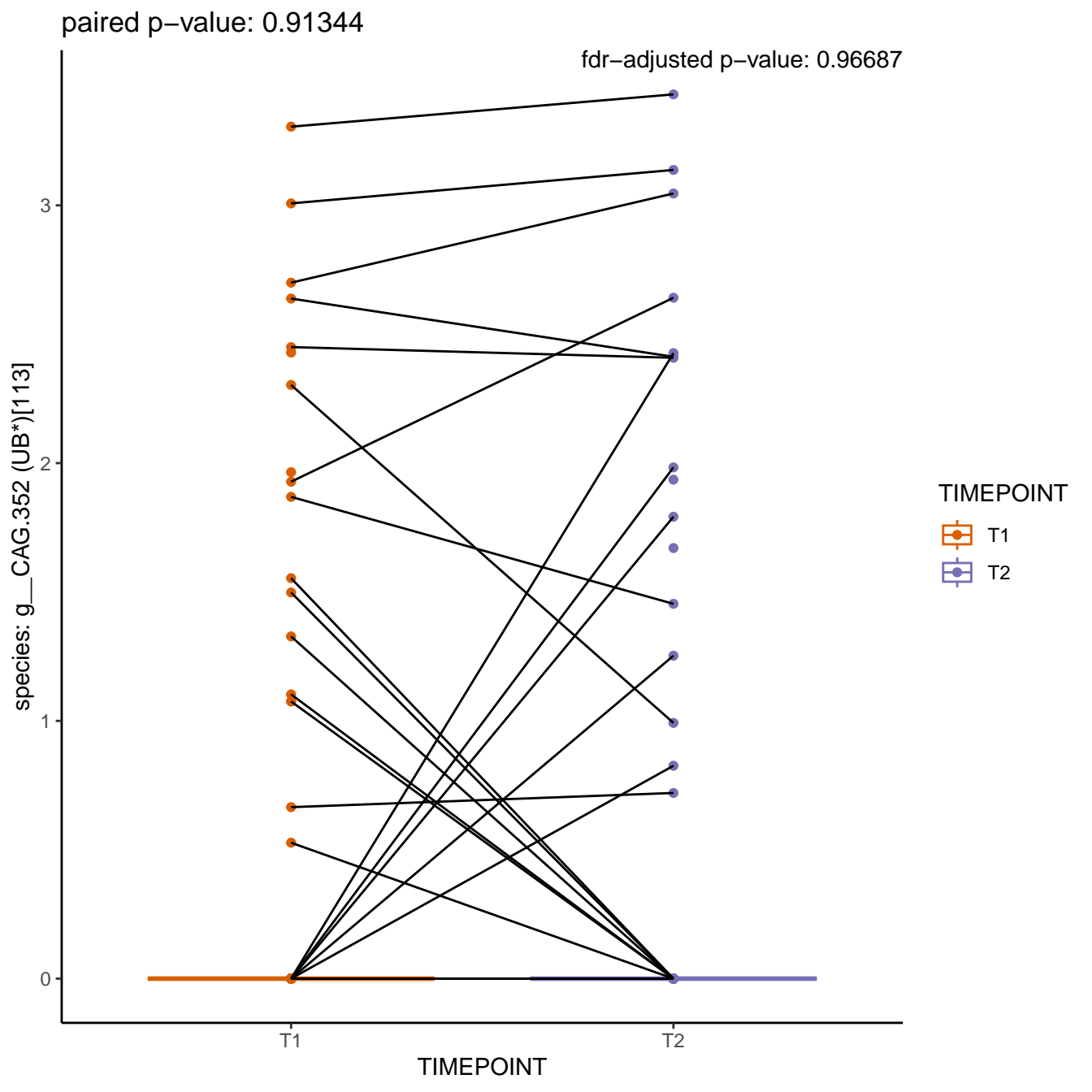
fdr-adjusted p-value: 0.96687

species: g__CAG.352 (UB*)[113]

TIMEPOINT

T1

T2



paired p-value: 0.91912

fdr-adjusted p-value: 0.96687

species: g__uncultured (UB*)[102]

TIMEPOINT

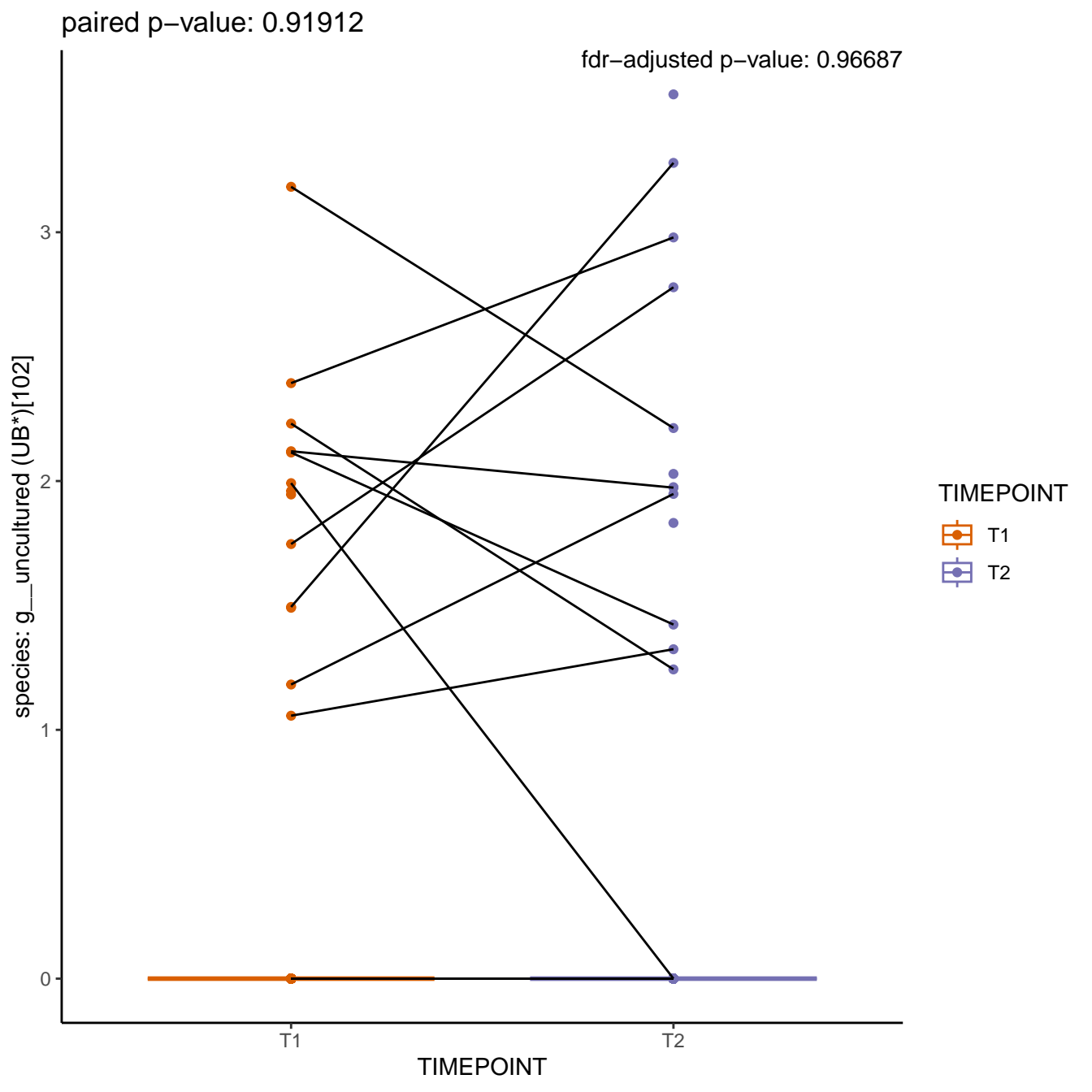
T1

T2

T1

T2

TIMEPOINT



paired p-value: 0.94257

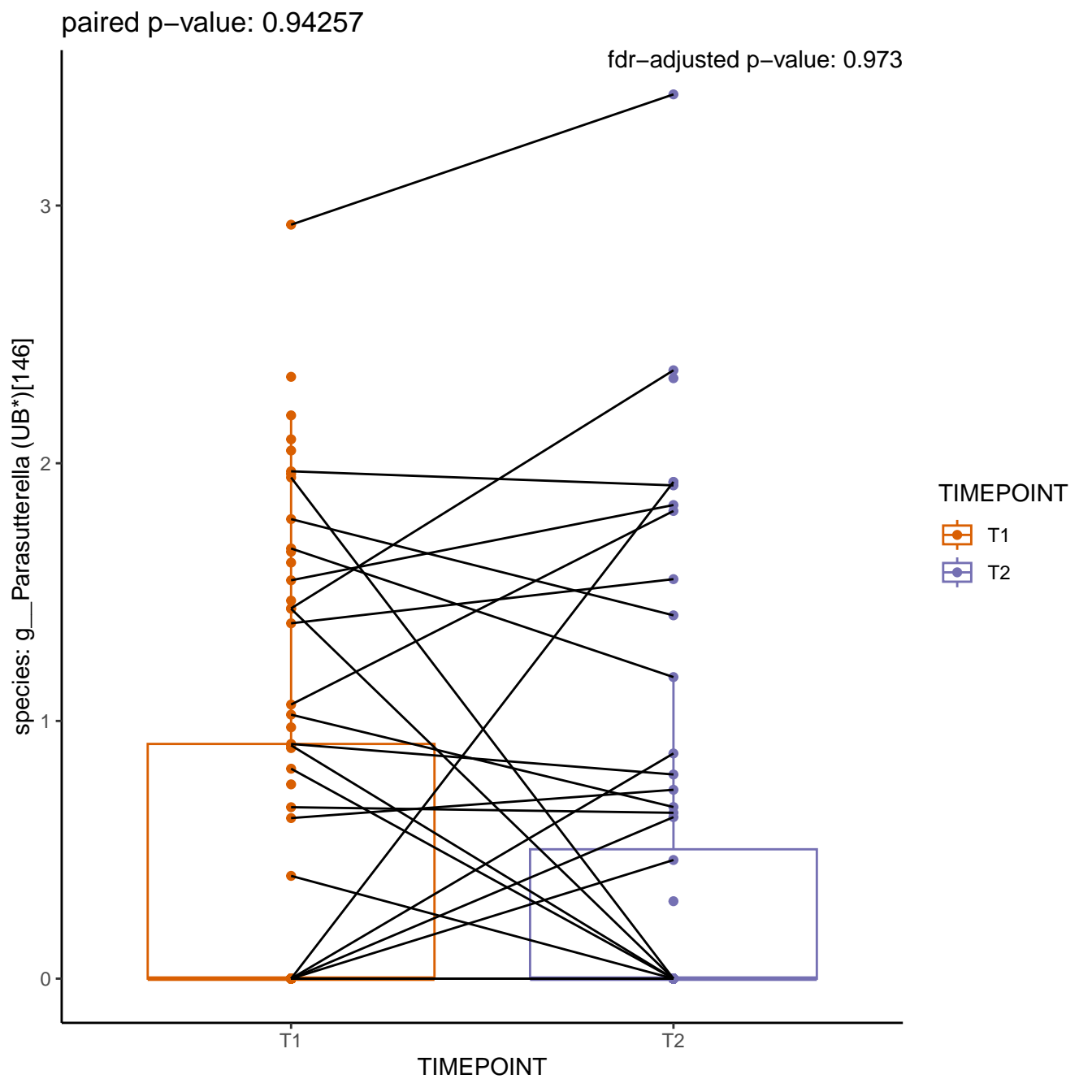
fdr-adjusted p-value: 0.973

species: g__Parasutterella (UB*)[146]

TIMEPOINT

T1

T2



paired p-value: 0.94835

fdr-adjusted p-value: 0.973

species: g__Flavonifractor (UB*)[47]

3

2

1

0

T1

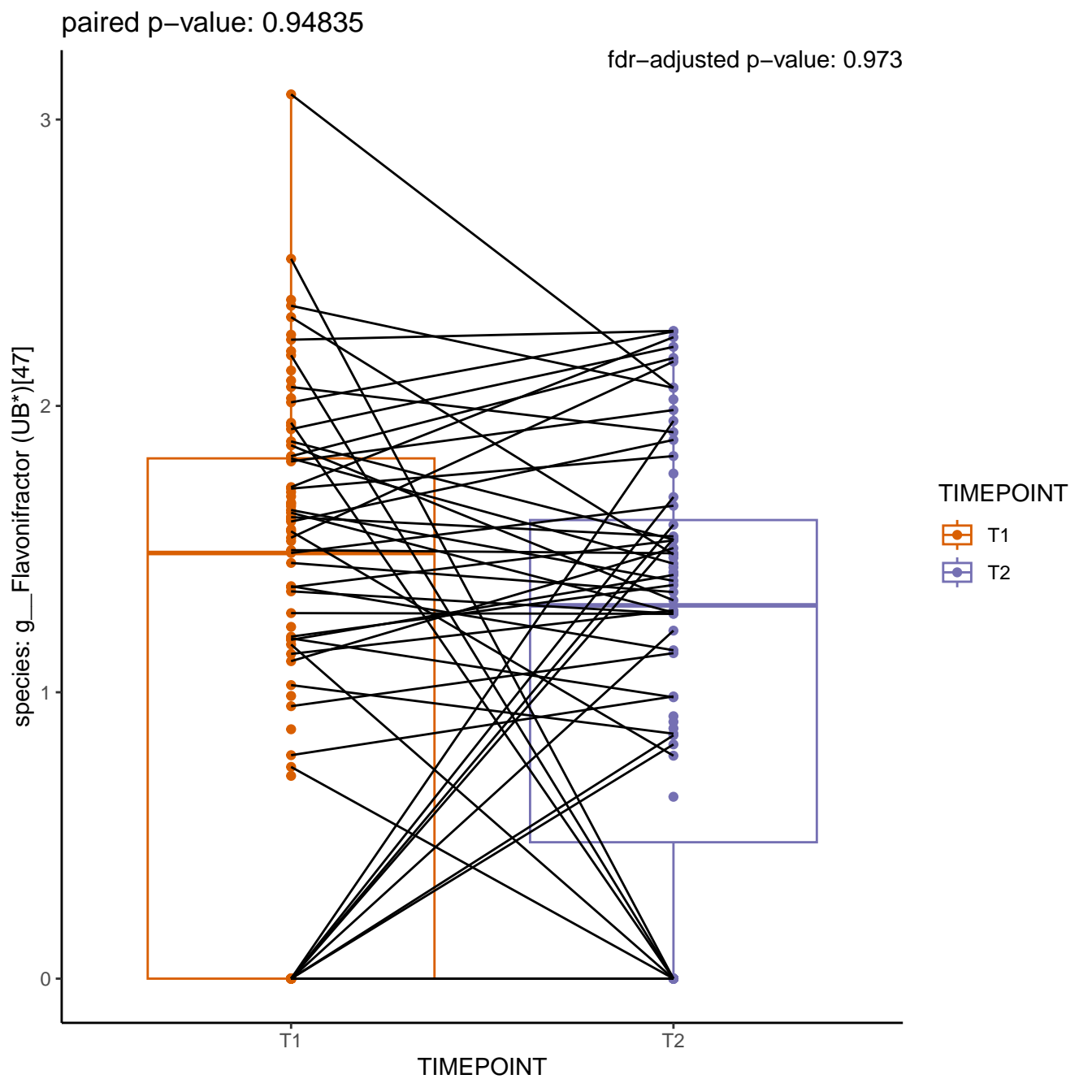
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.94839

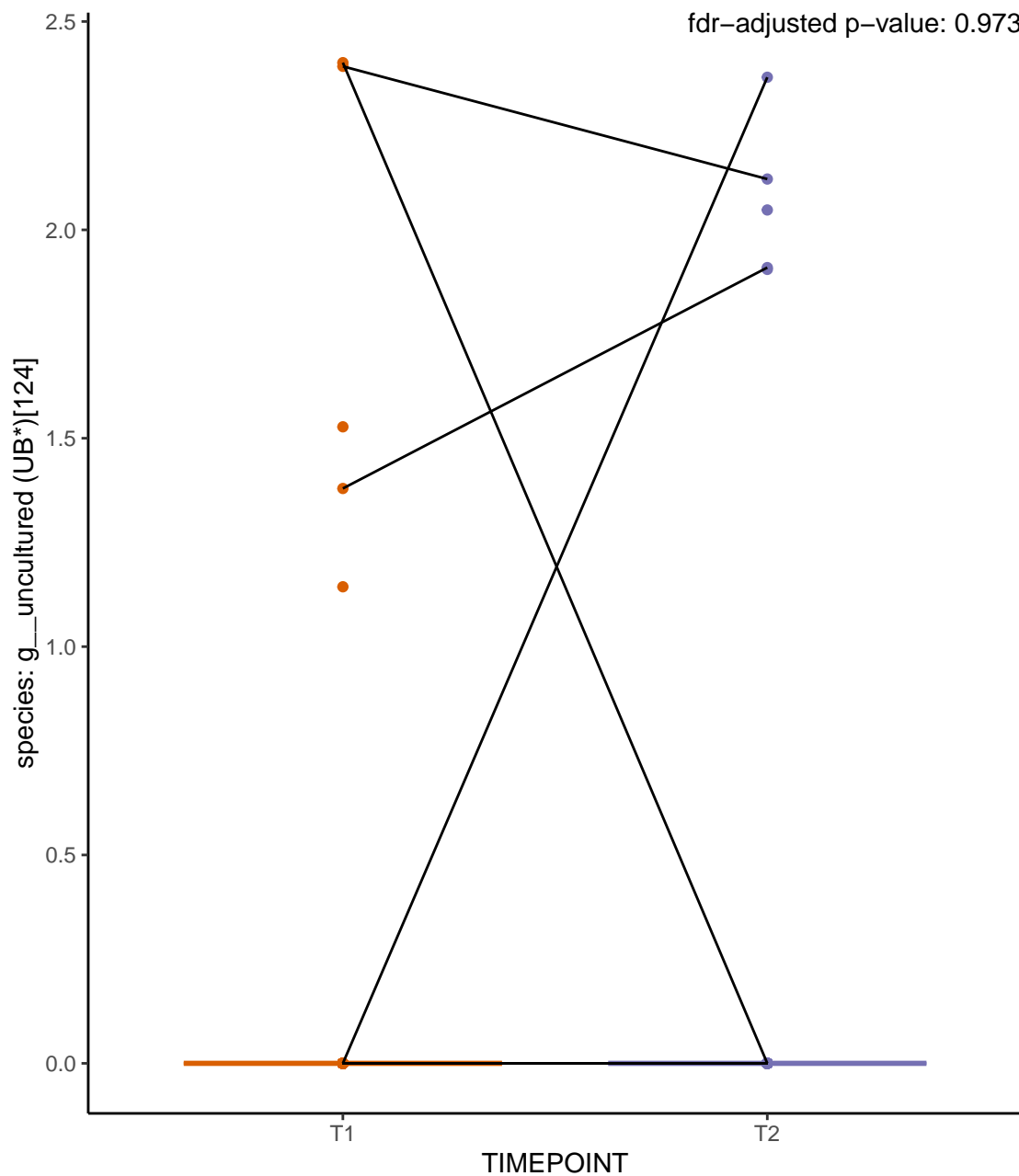
fdr-adjusted p-value: 0.973

species: g__uncultured (UB*)[124]

TIMEPOINT

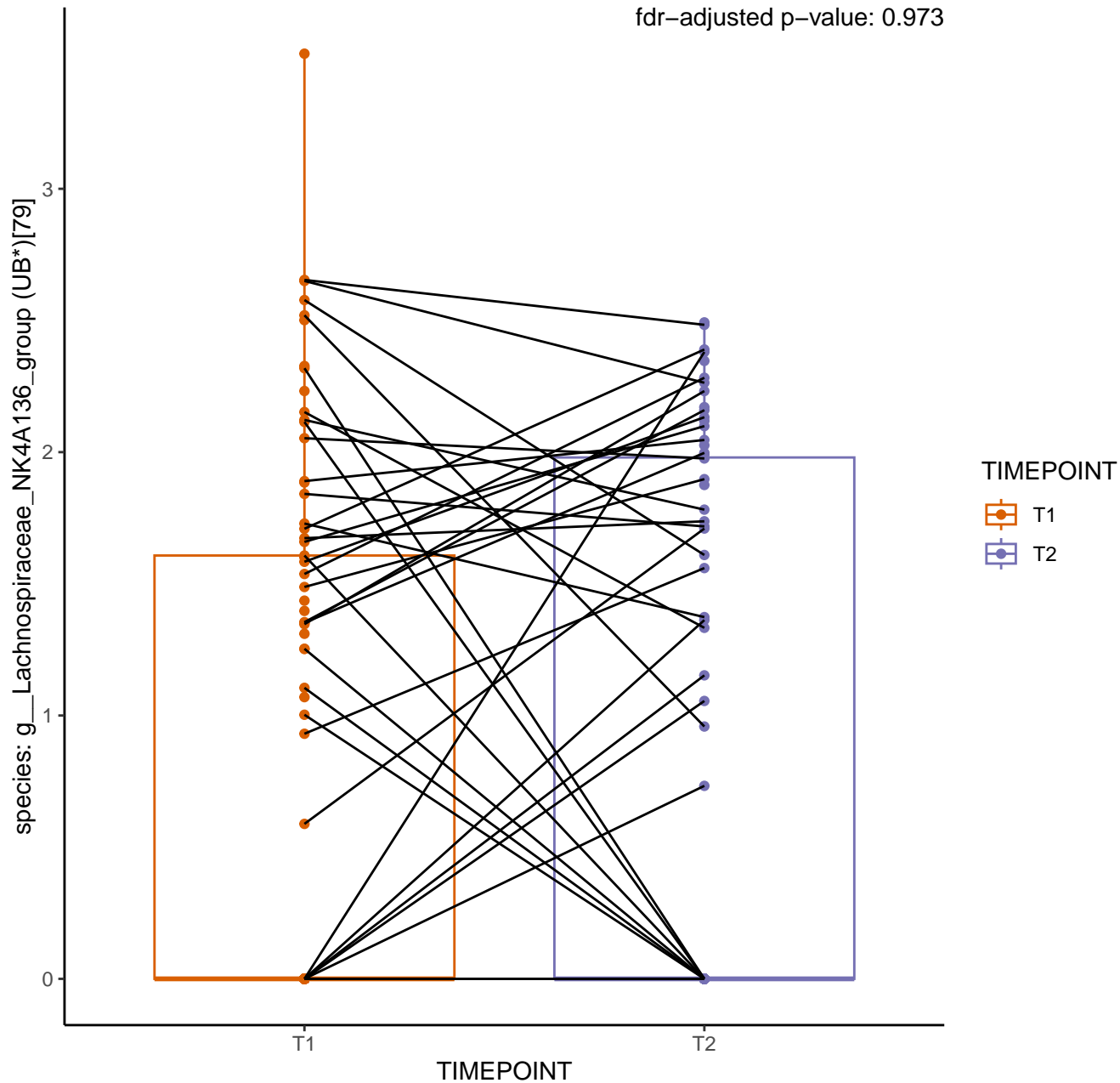
T1

T2



paired p-value: 0.94898

fdr-adjusted p-value: 0.973



paired p-value: 0.96447

fdr-adjusted p-value: 0.97478

species: g__Streptococcus (UB*)[57]

TIMEPOINT

T1

T2

species: g__Streptococcus (UB*)[57]

0

1

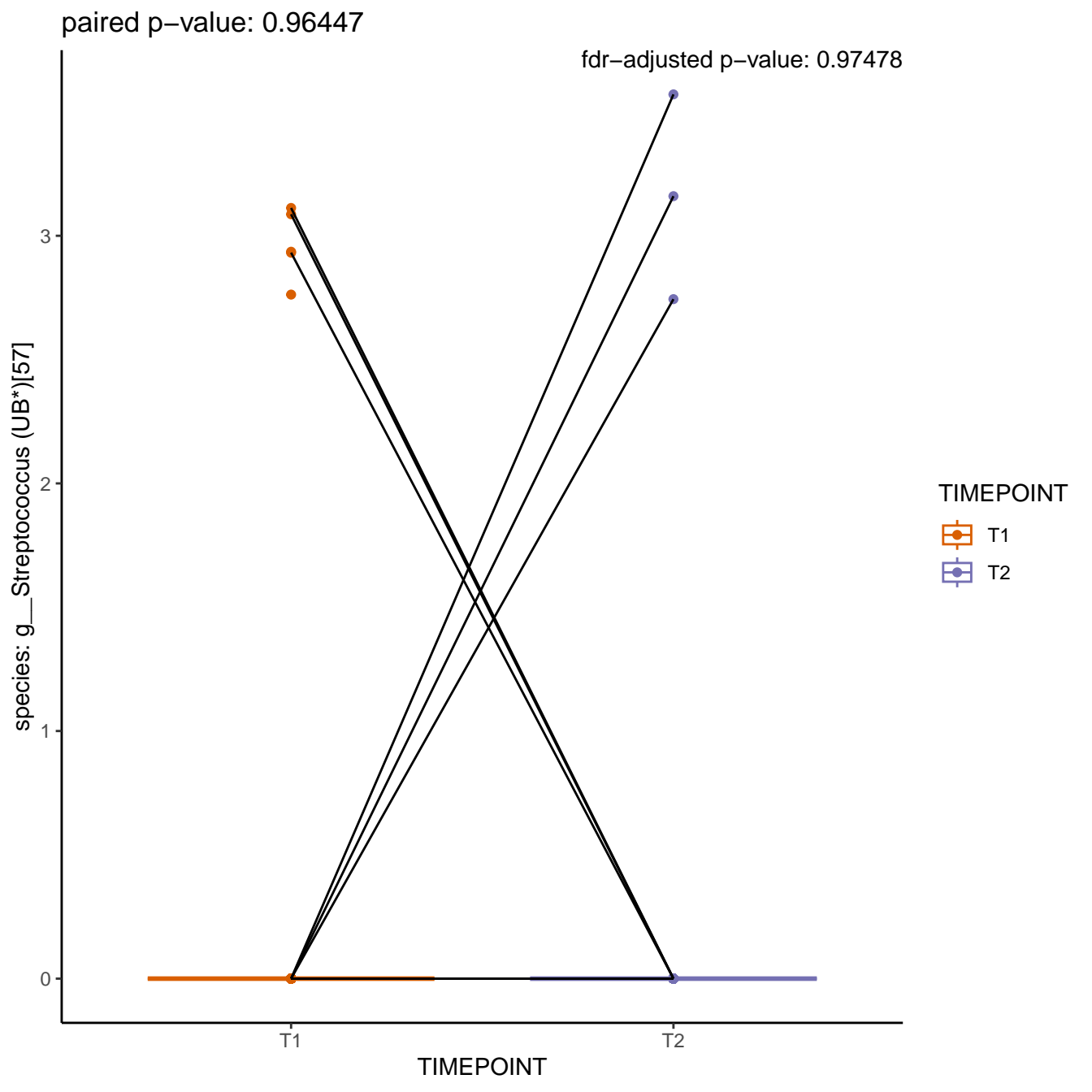
2

3

T1

T2

TIMEPOINT



paired p-value: 0.96575

fdr-adjusted p-value: 0.97478

species: Oscillospirales.[108]

1.5

1.0

0.5

0.0

T1

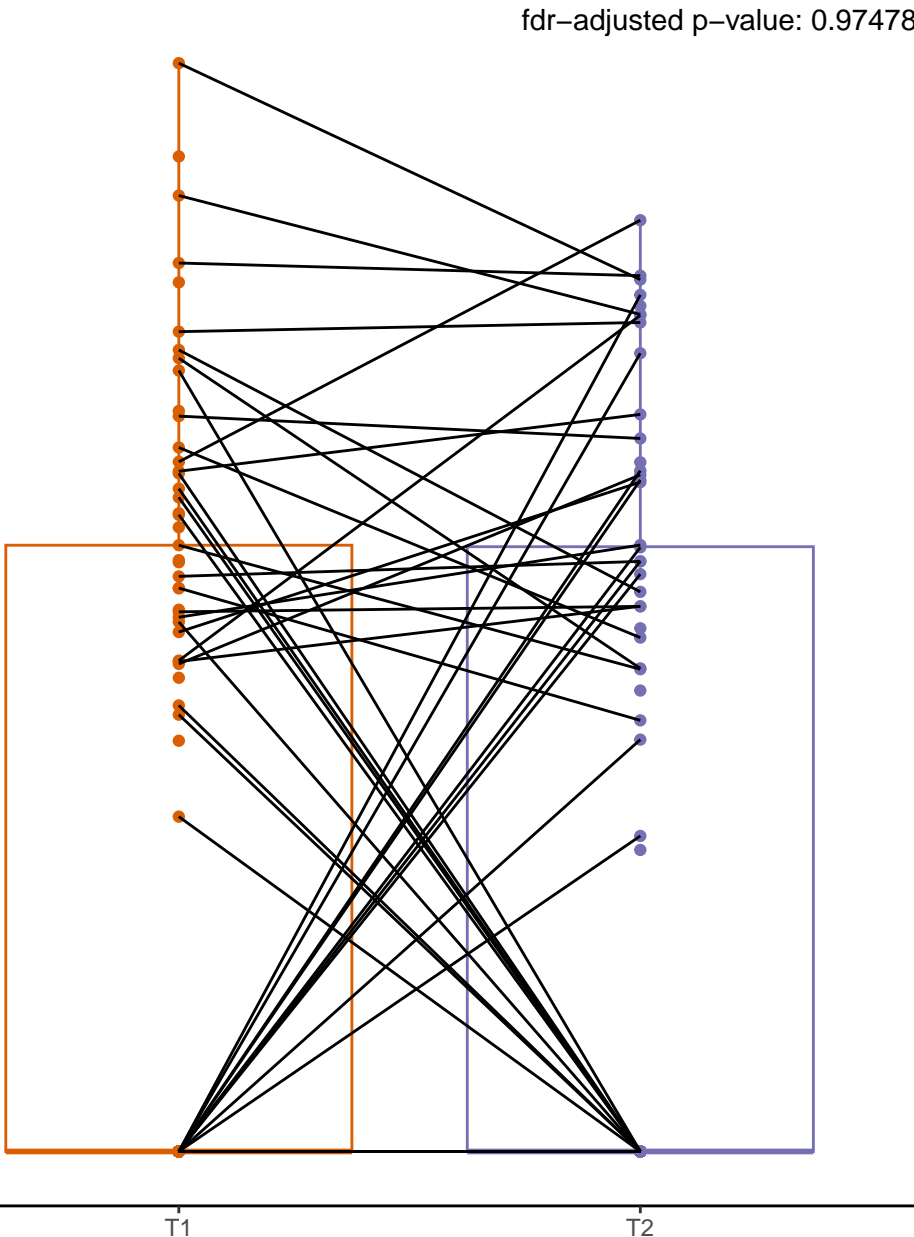
T2

TIMEPOINT

TIMEPOINT

T1

T2



paired p-value: 0.96876

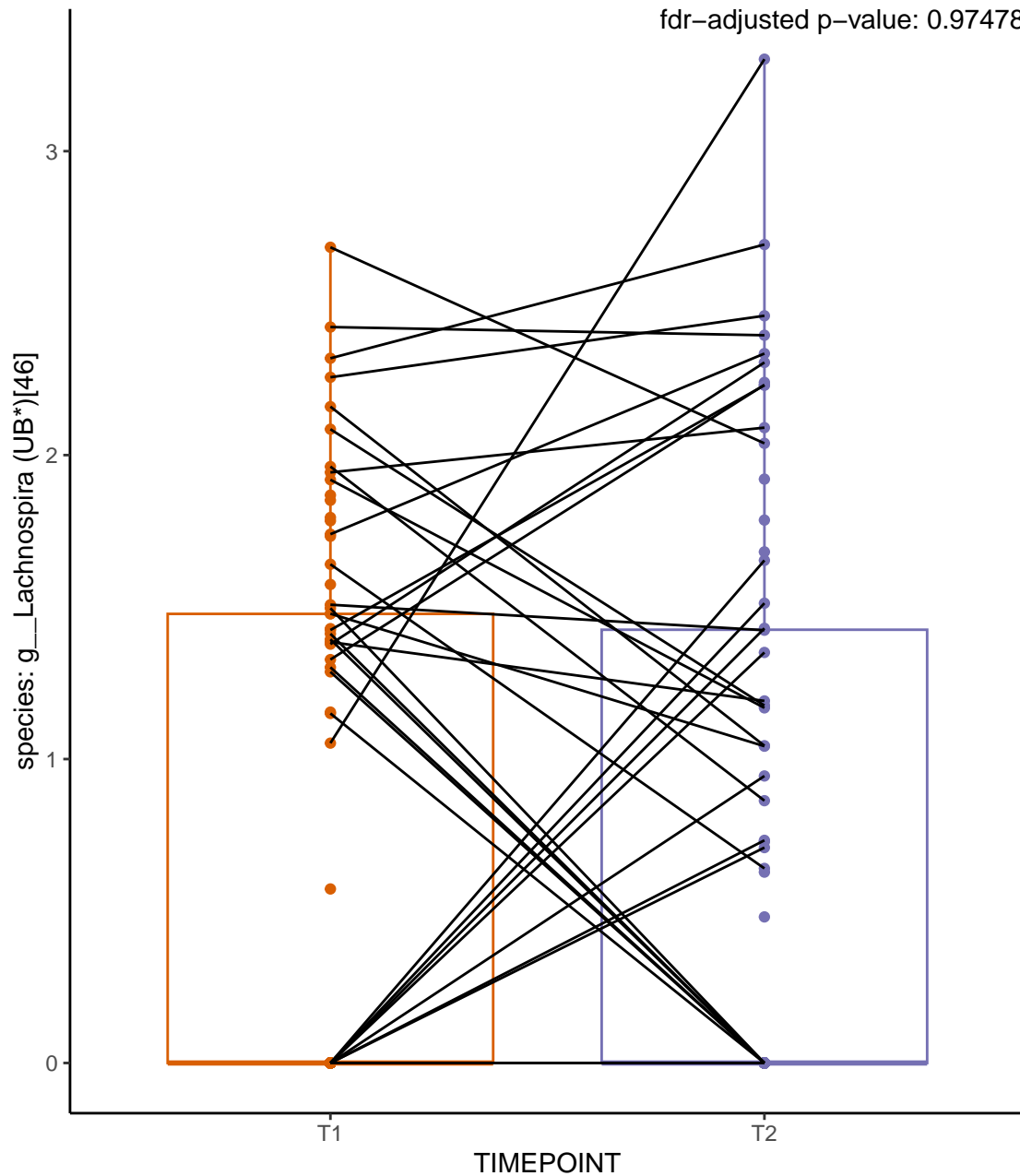
fdr-adjusted p-value: 0.97478

species: g__Lachnospira (UB*)[46]

TIMEPOINT

T1

T2



paired p-value: 0.99799

fdr-adjusted p-value: 0.99799

species: g__Faecalitalea (UB*)[9]

TIMEPOINT

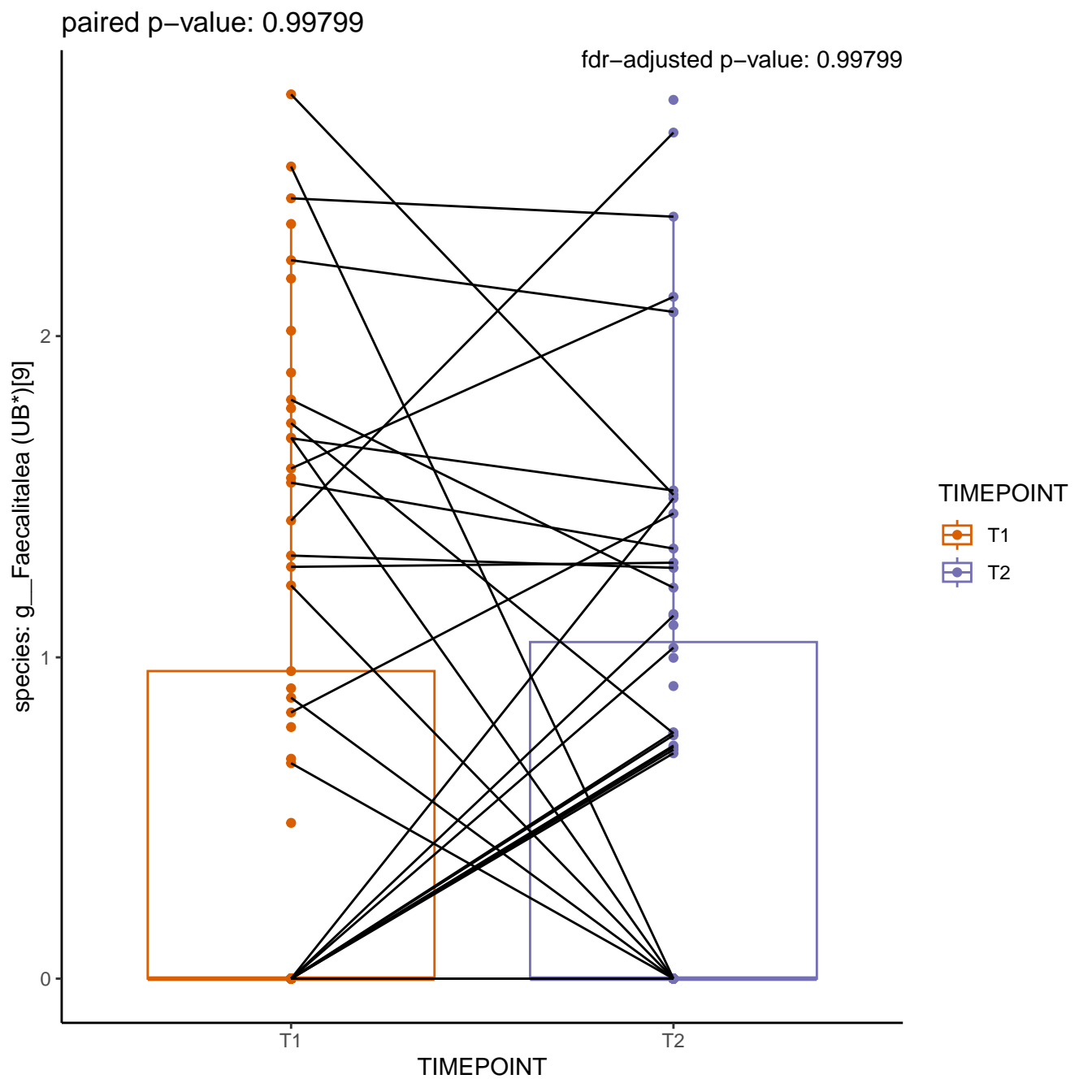
T1

T2

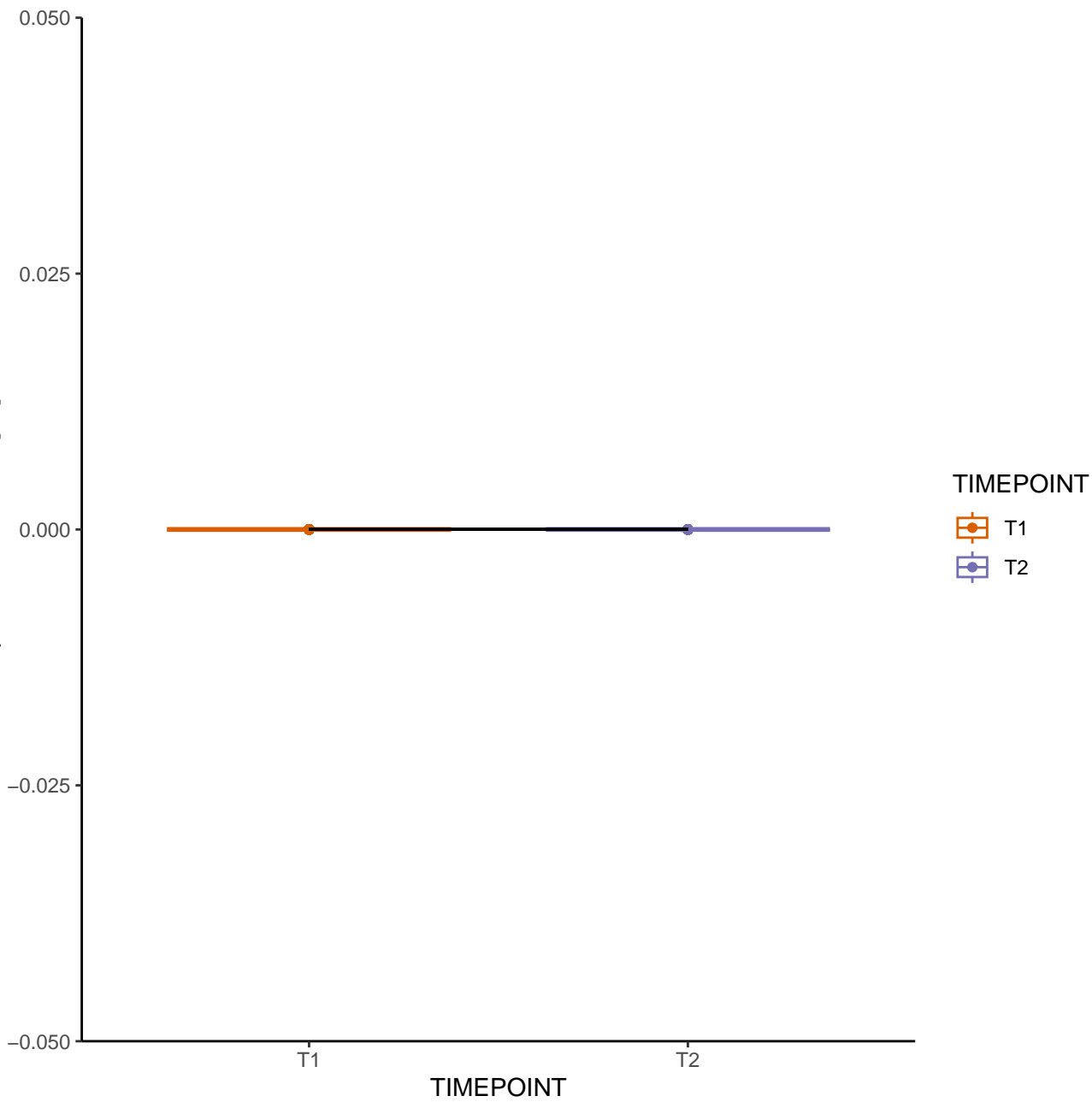
T1

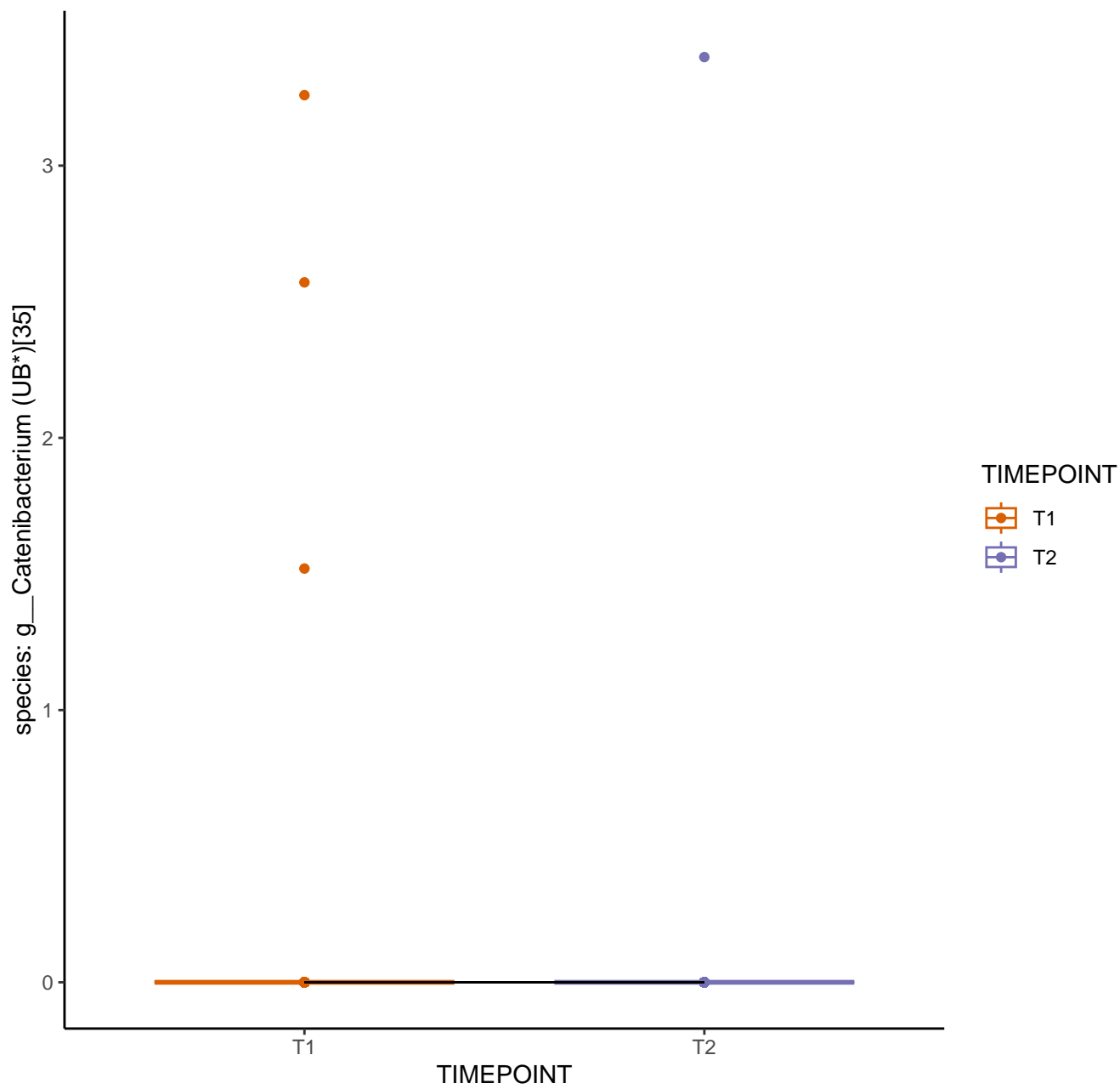
T2

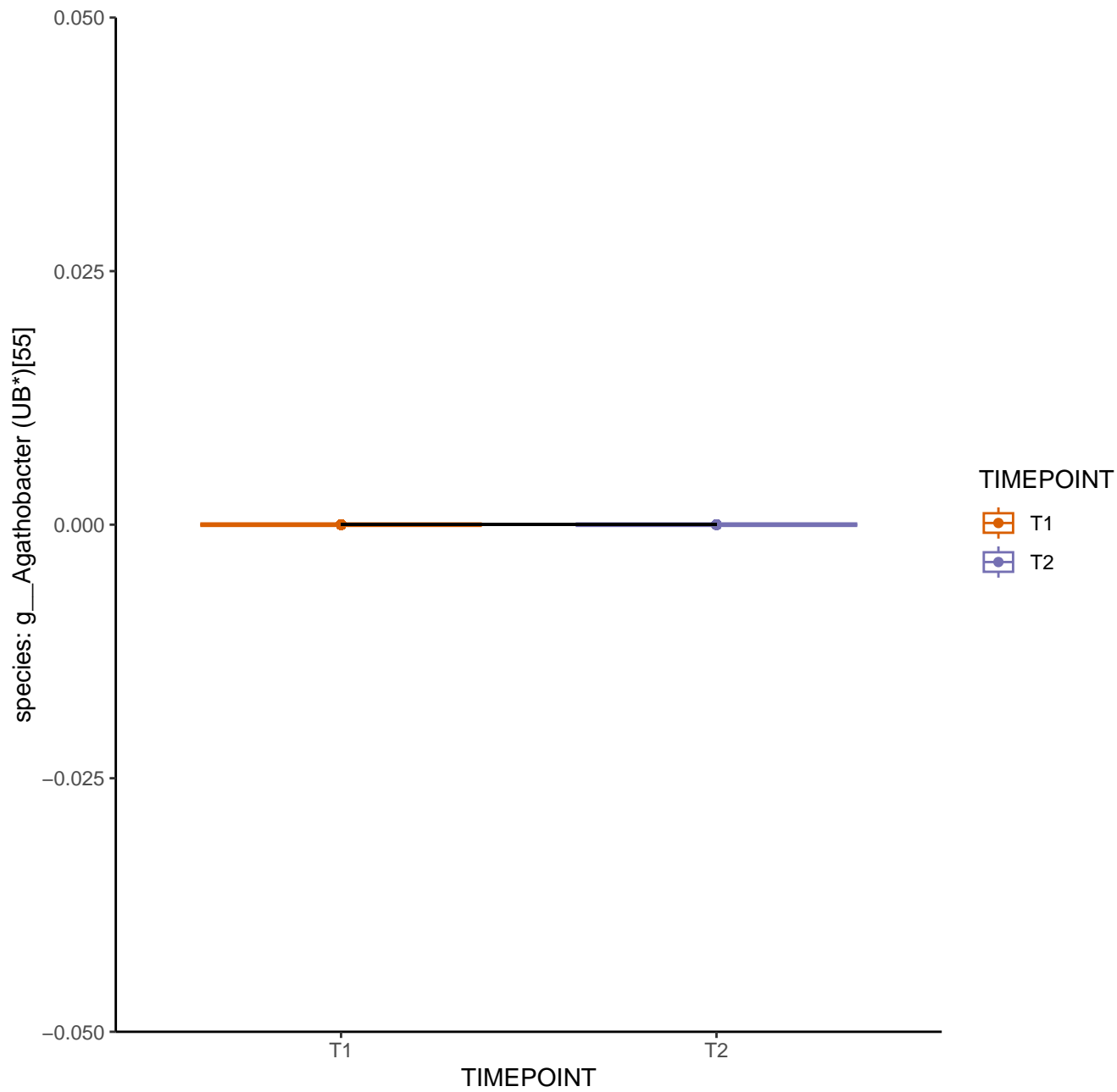
TIMEPOINT



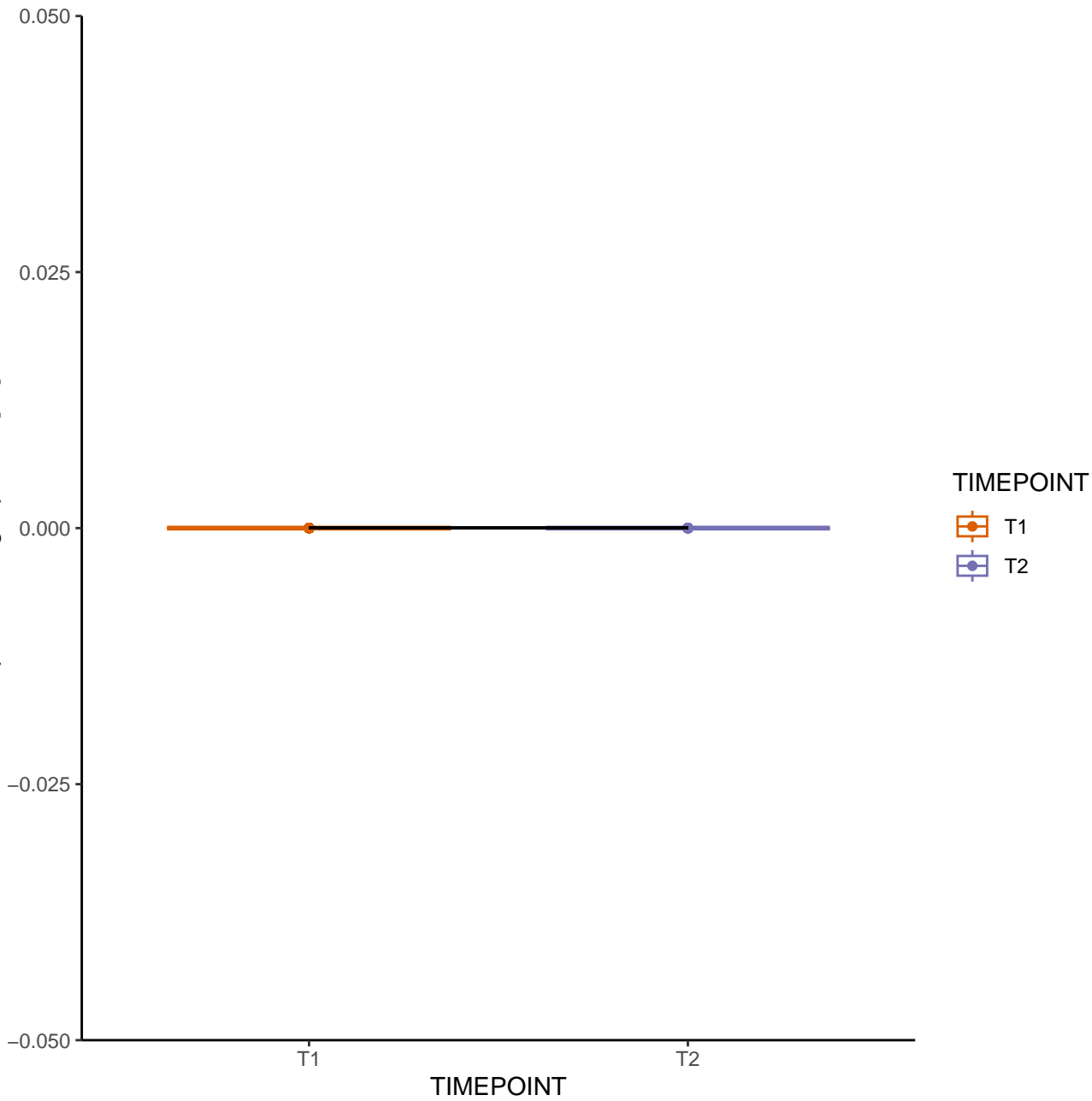
species: Roseburia.[17]



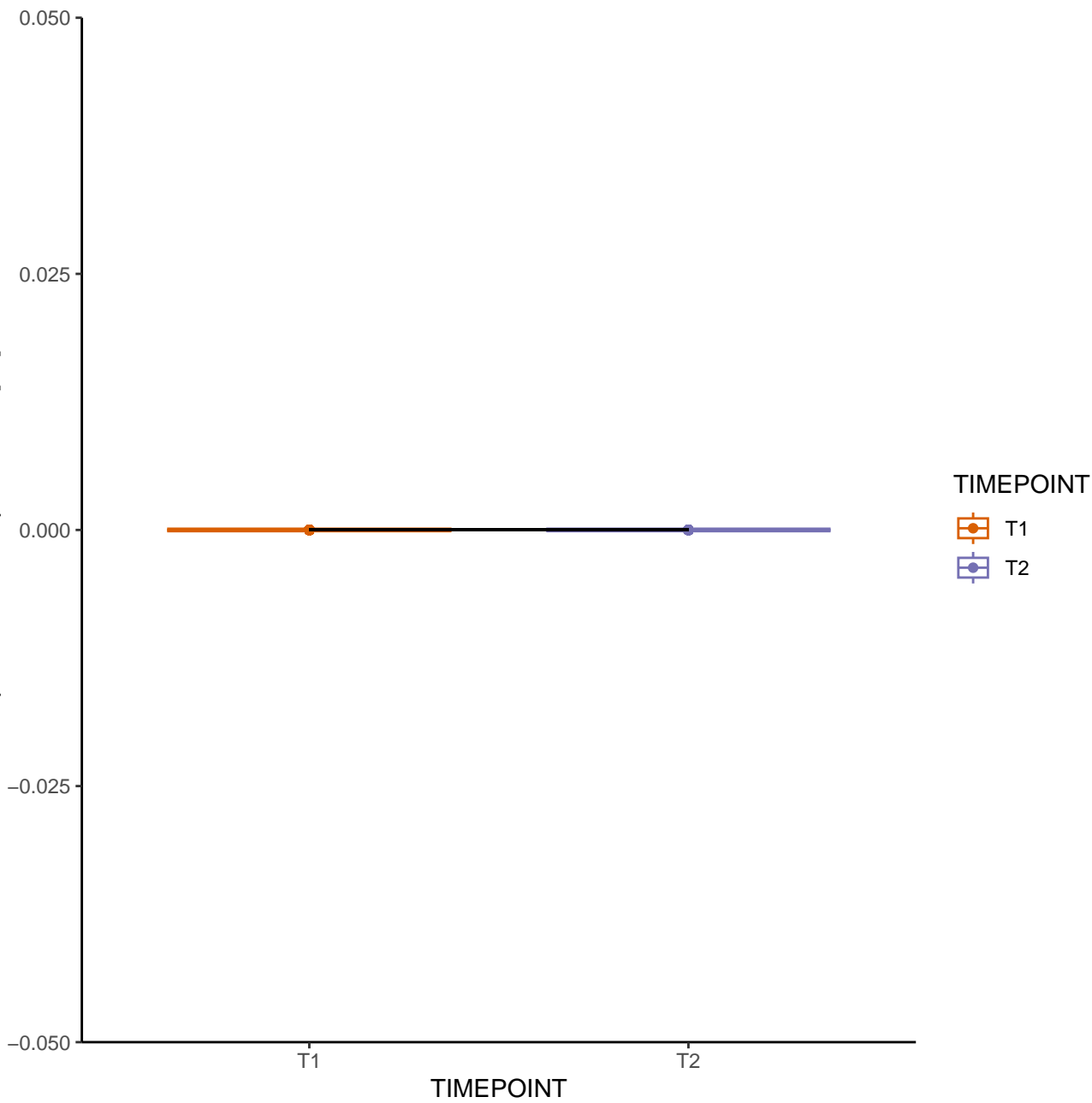




species: *Megasphaera*.[74]



species: Anaerospirrobacter.[78]



species: g__Succinivibrio (UB*)[80]

0.6

0.4

0.2

0.0

T1

T2

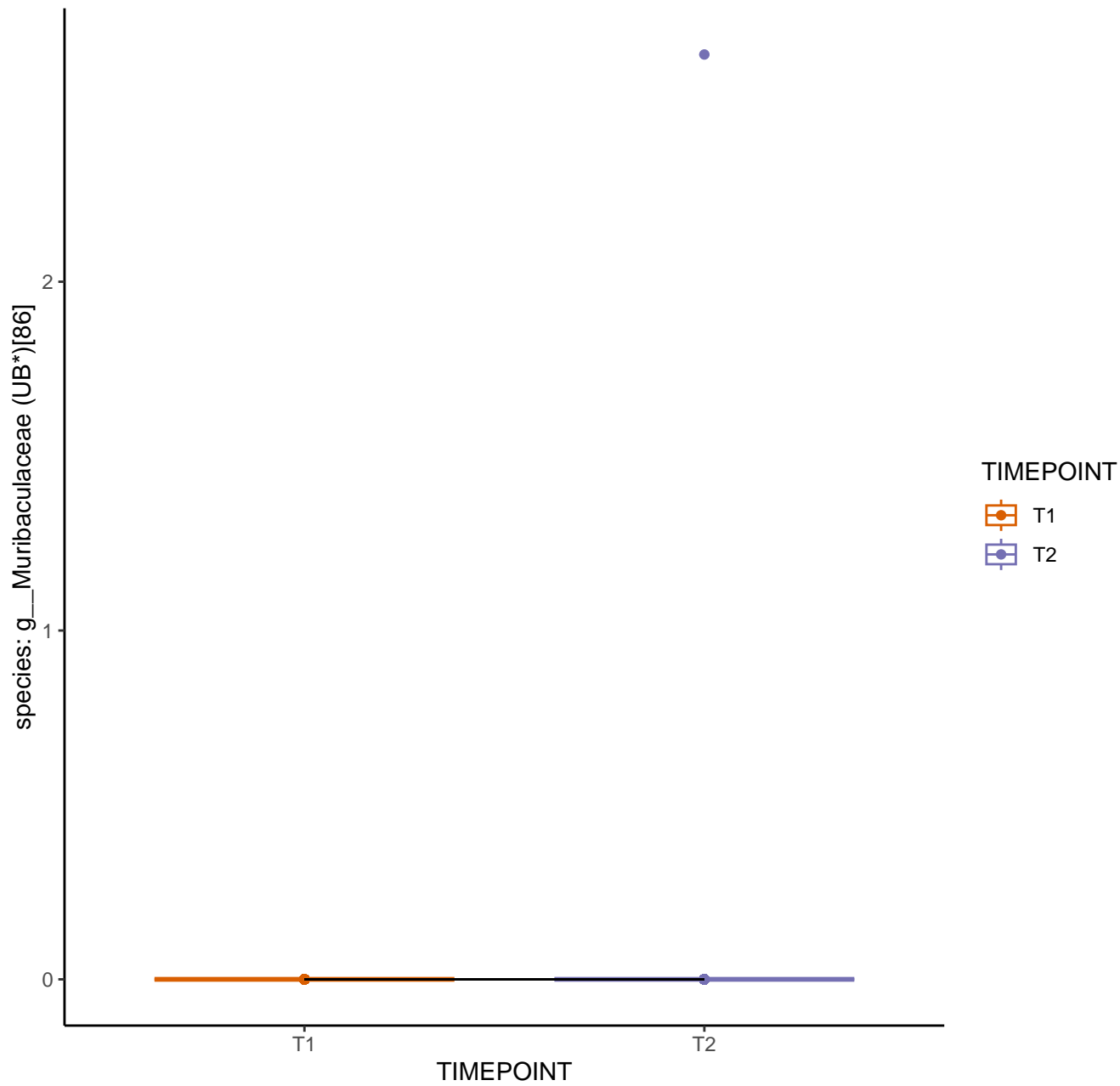
TIMEPOINT

TIMEPOINT

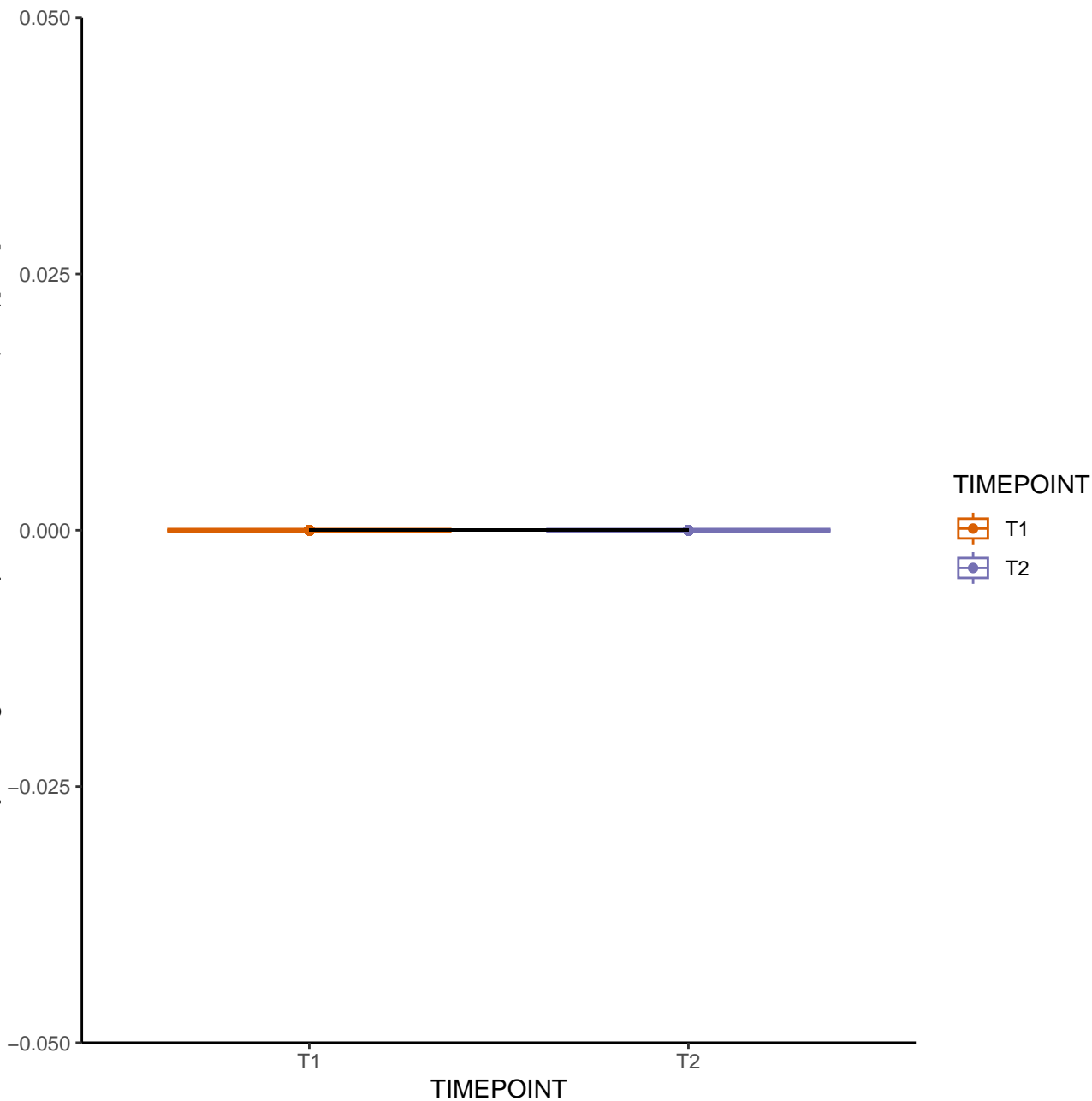
T1

T2

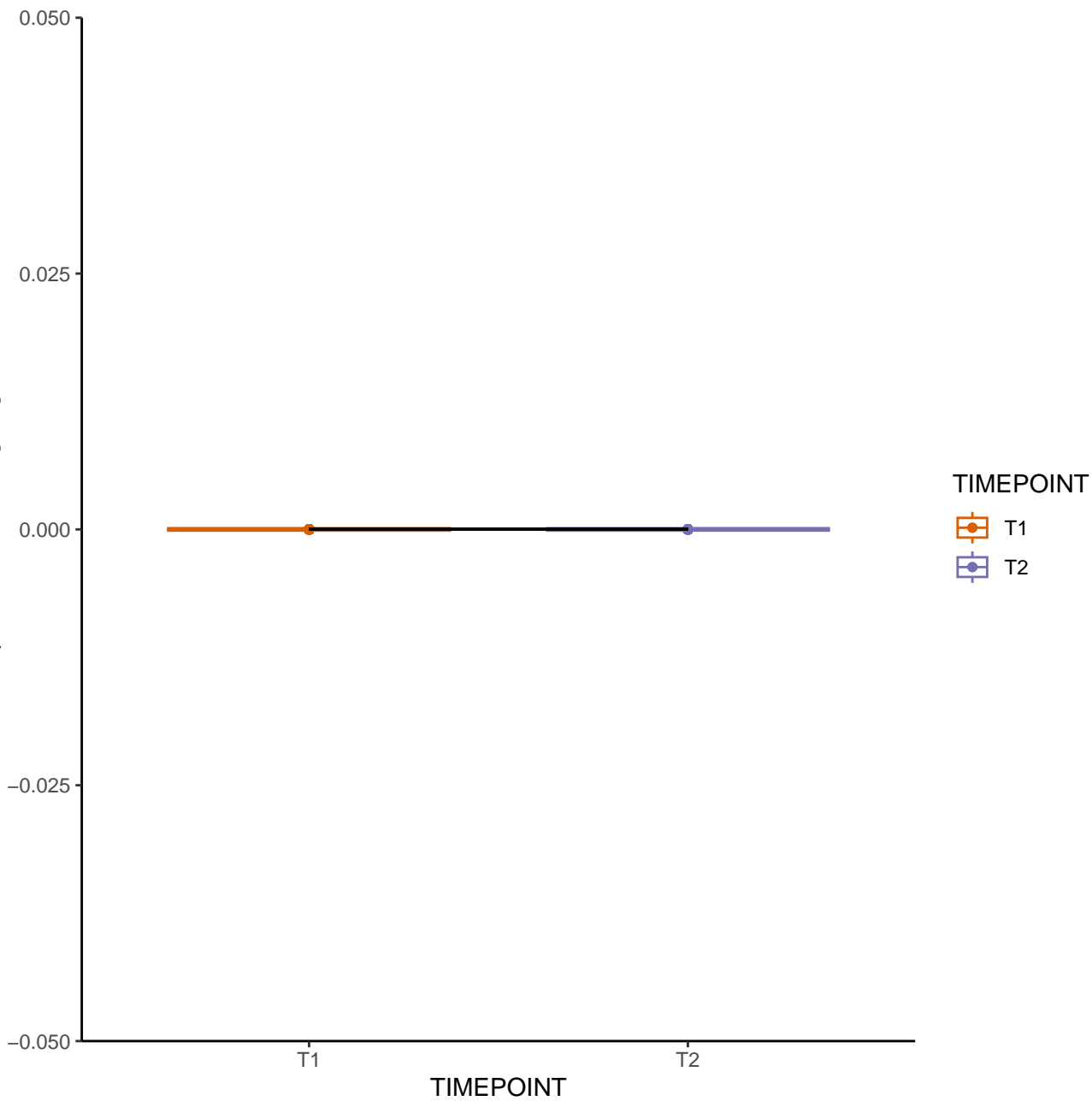


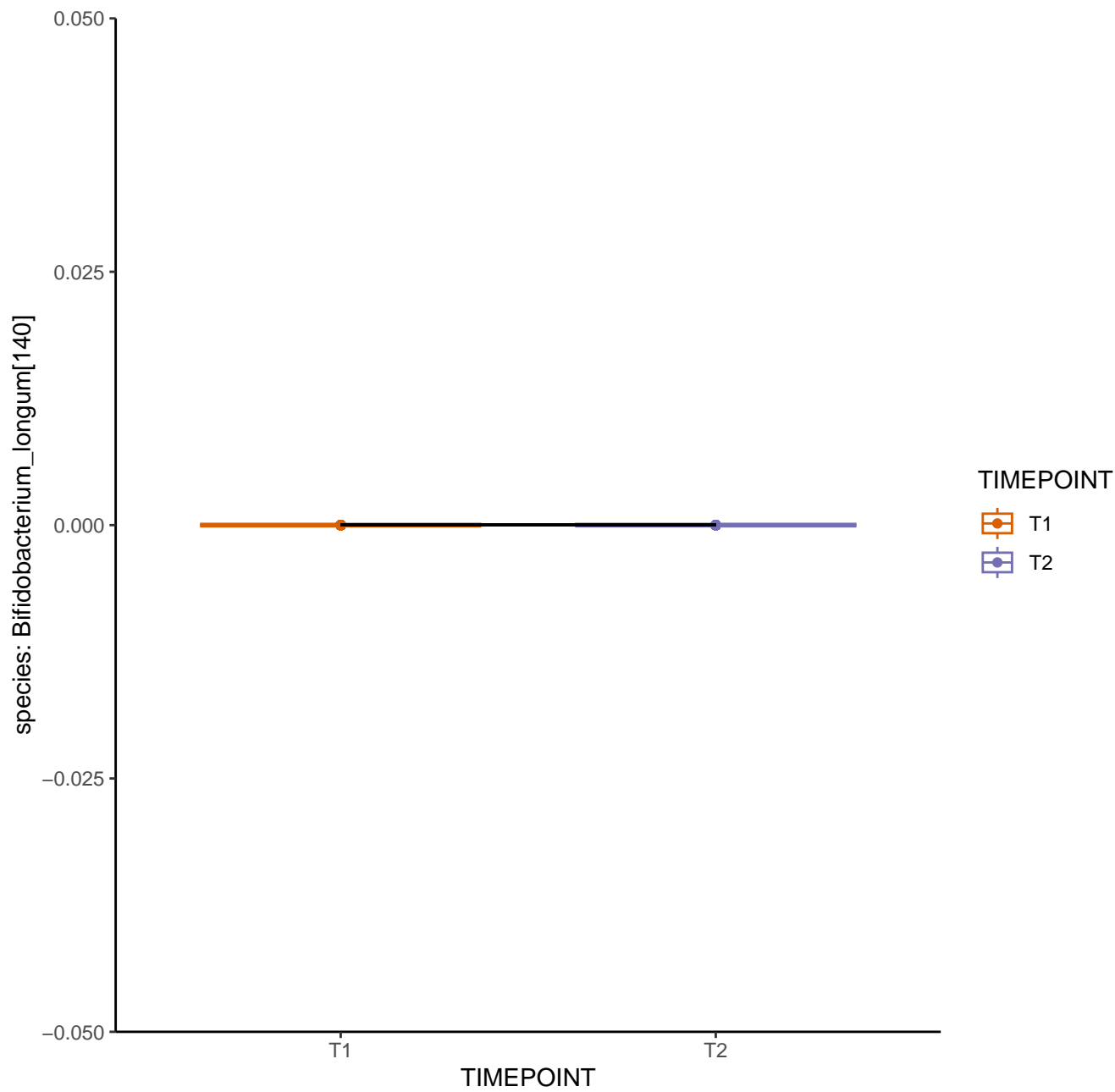


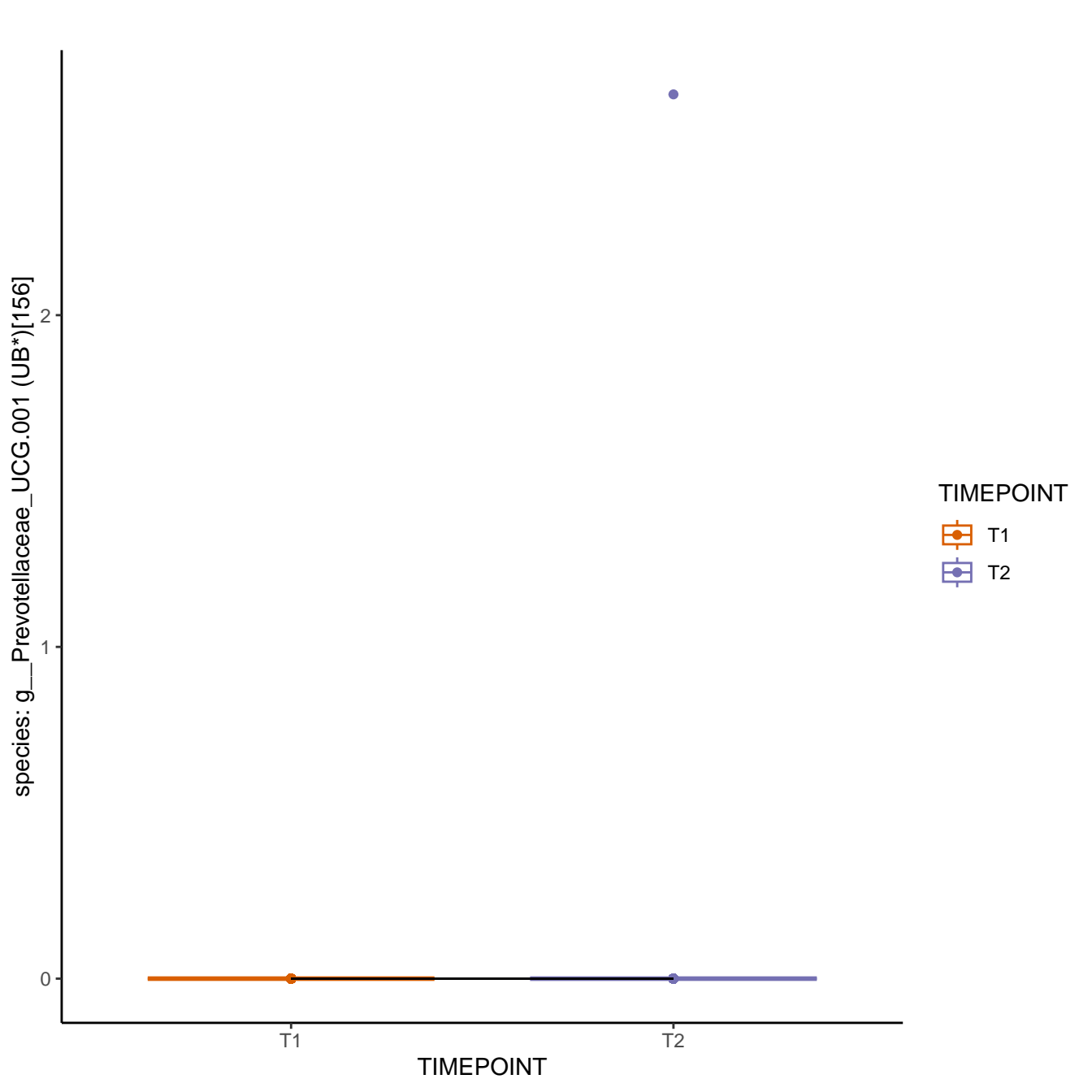
species: g__Lachnospiraceae_UCG.008 (UB*)[107]

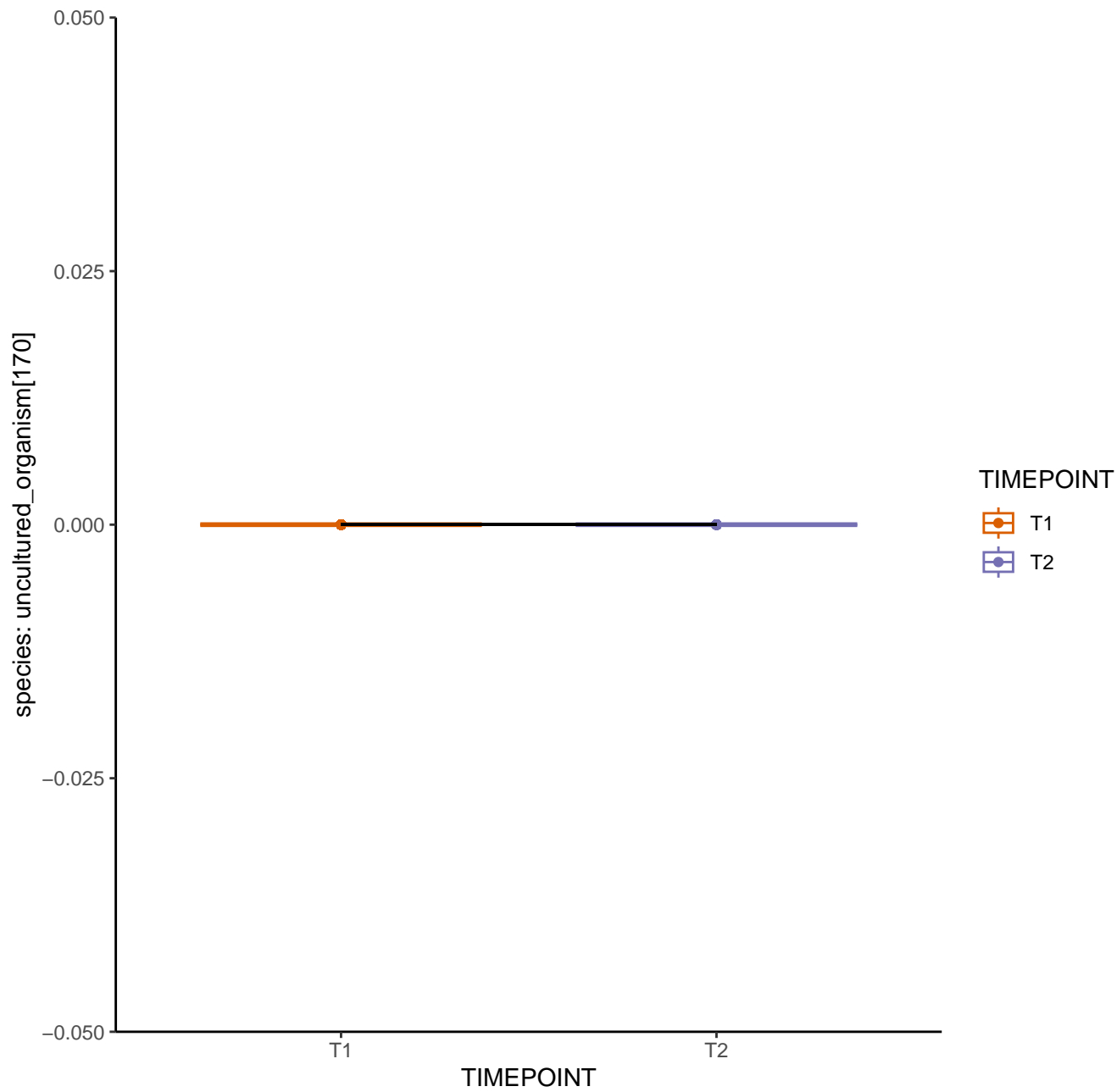


species: UCG.002.[137]

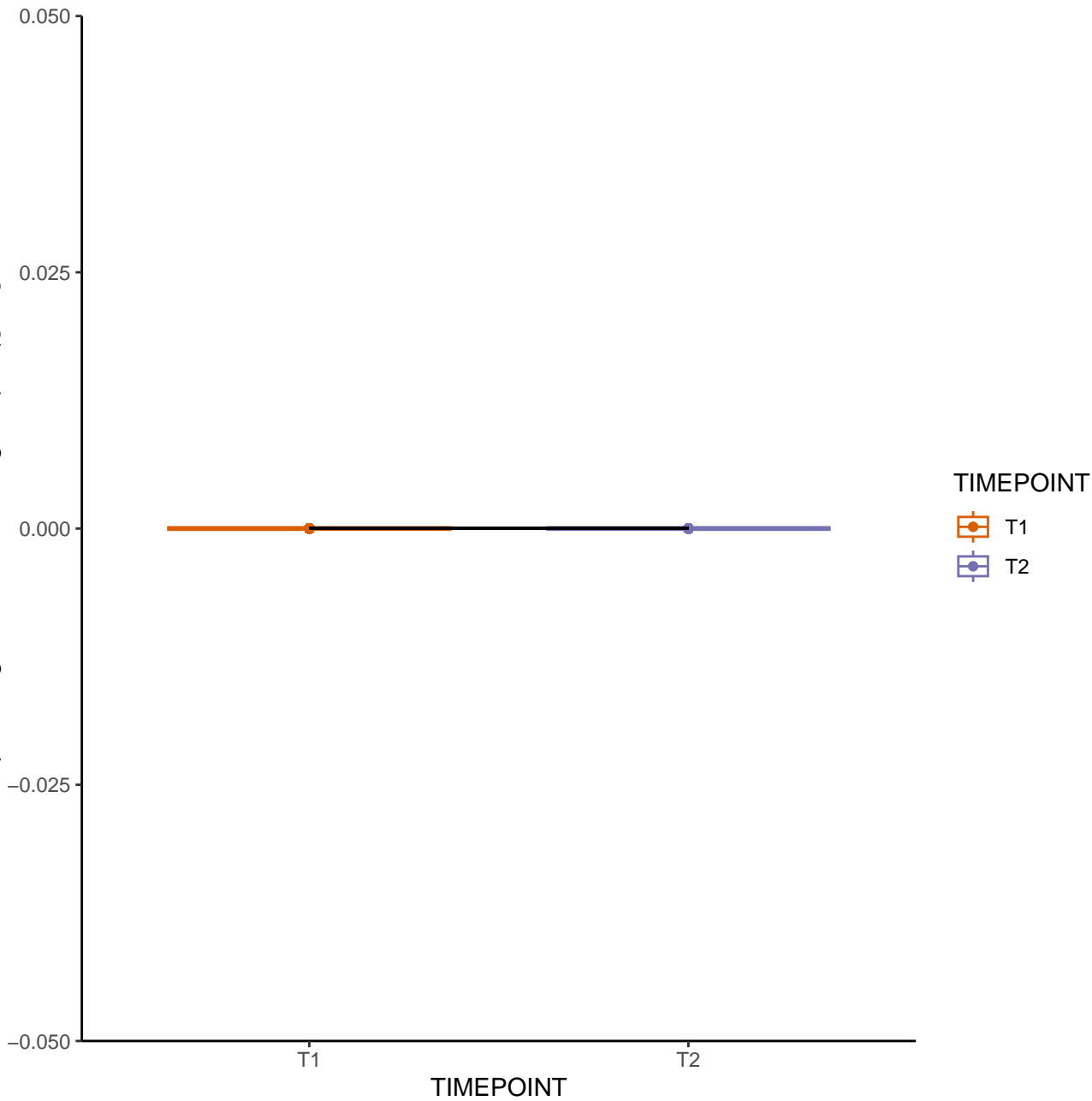








species: g__Escherichia.Shigella (UB*)[174]



species: *Klebsiella*.[176]

3

2

1

0

T1

T2

TIMEPOINT

TIMEPOINT

T1

T2

